

Illustration is KRF-V7050D(M).

* Refer to parts list on page 35.



KRF-V5050D/V5550D/V6050D/V7050D/X9050D

CONTENTS / ACCESSORIES

Contents

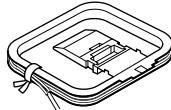
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Accessories

FM indoor antenna (1)
(T90-0877-05)



AM loop antenna (1)
(T90-0852-05)

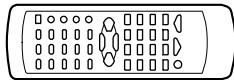


*AC plug adaptor (1)
(E03-0115-05)



* Use to adapt the plug on the power cord to the shape of the wall outlet.
(Accessory only for regions where use is necessary.)

Remote control unit (1)



Batteries (R6/AA)



Model name vs remote controller

Remote controller				
MODEL	Destinations	Parts number	Model name	Battery cover
KRF-V5050D	Y	A70-1468-15	RC-R0511	A09-1178-08
KRF-V5050D-S	MIX	A70-1468-15	RC-R0511	A09-1178-08
KRF-V5050D	ET	A70-1469-05	RC-R0512	A09-1178-08
KRF-V5050DE	E3	A70-1469-05	RC-R0512	A09-1178-08
KRF-V5050D-S	E2T2	A70-1469-05	RC-R0512	A09-1178-08
KRF-V5550D-S	MY	A70-1507-05	RC-R0617	A09-1178-08
KRF-V6050D	Y	A70-1466-15	RC-R0615	A09-1178-08
KRF-V6050D-S	MIX	A70-1466-15	RC-R0615	A09-1178-08
KRF-V6050D	E	A70-1467-05	RC-R0616	A09-1178-08
KRF-V7050D	Y	A70-1464-15	RC-R0613	A09-1178-08
KRF-V7050D-S	MIX	A70-1464-15	RC-R0613	A09-1178-08
KRF-V7050D	ET	A70-1465-05	RC-R0614	A09-1178-08
KRF-X9050D	Y	A70-1480-05	RC-R0714	A09-1215-08
KRF-X9050D-S	MIX	A70-1480-05	RC-R0714	A09-1215-08
KRF-X9050D	ET	A70-1481-05	RC-R0715	A09-1215-08

Cautions

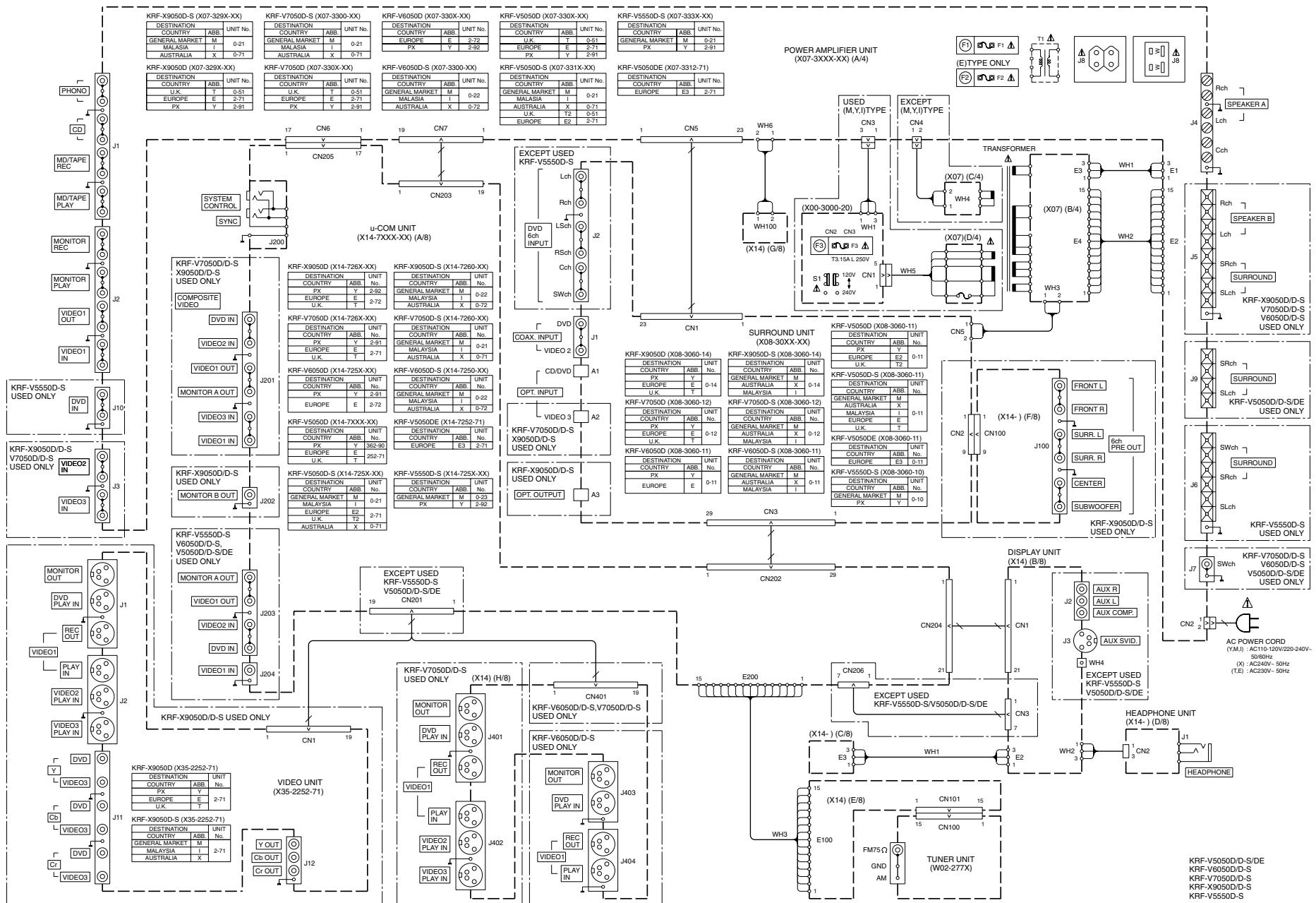
Resetting the Microcomputer

The microcomputer may malfunction (unit cannot be operated, or shows an erroneous display) if the power cord is unplugged while the power is ON, or due to some other external factors. If this happens, execute the following procedure to reset the microcomputer and return the unit to its normal operating condition.

With the power cord plugged in, turn the POWER key OFF. Then, while holding down the ON/STANDBY key, press POWER key.

- Please note that resetting the microcomputer will clear the contents of the memory and returns the unit to the state it was in when it left

KRF-V5050D/V5550D/V6050D/V7050D/X9050D WIRING DIAGRAM



CIRCUIT DESCRIPTION

1. Initial and Backup Function

1-1 Initial State

Below are set value if the microcomputer is initialized when reset:

(1) AMP function initialization

• POWER	POWER OFF (STANDBY)
• Input Selector	TUNER
• Preset device	None
• Visual output	VIDEO1
• Speaker A relay	ON
• Speaker B relay	OFF
• Volume	-66dB
• BASS	0dB
• TREBLE	0dB
• INPUT LEVEL	0dB
• SOURCE DIRECT	0dB
• MONITOR	0dB
• VIDEO2/MONITOR	VIDEO2
• MD/TAPE	TAPE
• RF BAND	BAND 1

(2) SURROUND function initialization

• LISTEN MODE	STEREO
• INPUT MODE	DIGITAL AUTO
CD/DVD	ANALOG
VIDEO2	ANALOG
VIDEO3	DIGITAL AUTO
DVD/6ch	ON
• SUBWOOFER	

• FRONT speaker size	LARGE
• CENTER speaker size	NORMAL
• SURROUND speaker size	NORMAL
• DISTANCE	Fch 3.0m / 10ft
Cch	3.0m / 10ft
Sch	1.5m / 5ft
• LEFT level	0dB
• RIGHT level	0dB
• CENTER level	0dB
• REAR (SL,SR) level	0dB
• SUBWOOFER level	0dB
• MIDNIGHT	OFF
• CINEMA EQ	OFF

(3) TUNER function initialization	
• BAND	FM
• PRESET CHANNEL	" - - "
• Frequency receive	Each destination minimum value
	FM : 87.50 MHz
	AM : 530 kHz
	FM : 87.50 MHz
	AM : 531 kHz
• AUTO MANUAL	AUTO

1-2 Backup Function

When the AC power supply is turned off, the receiver microcomputer enters the backup mode. As a result, it will return to the last state before the AC OFF when the AC power supply is turned ON again

2. Destination List of Tuner

0 : Pull down, 1:Pull up

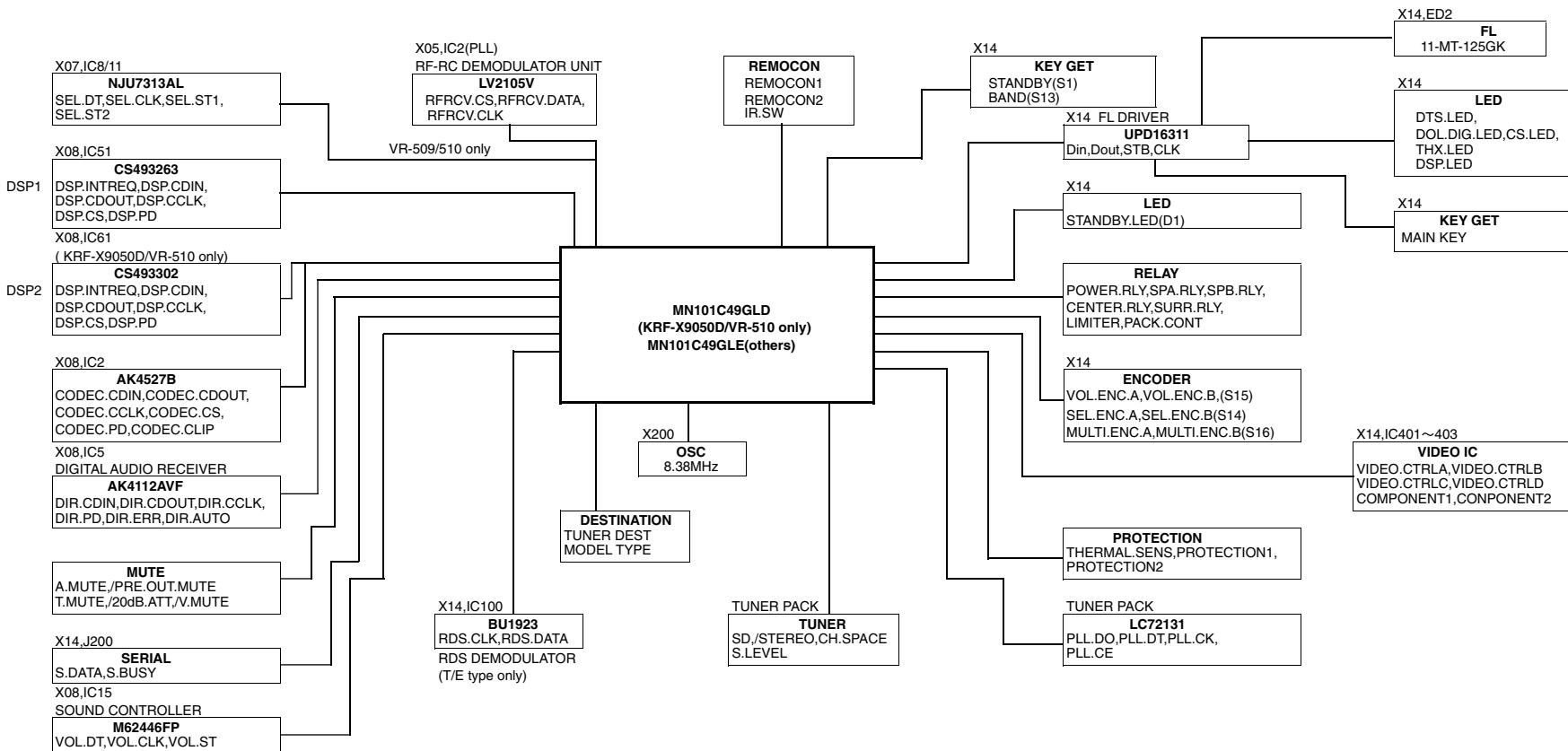
SET TYPE	TYPE	BAND	RECEIVING FREQUENCY RANGE	CHANNEL SPACE	IF	PLL	Tuner Destination Port			
							PORT3(68PIN) (CP205)	PORT2(67PIN) (W109)	PORT1(66PIN) (W105)	PORT0(65PIN) (W106)
K, P, R 1700	K1	FM	87.5MHz-108.0MHz	100kHz	+10.7MHz	25kHz	0	0	0	0
		AM	530kHz-1700kHz	10kHz	+450kHz	10kHz				
Y, M, I, C, V 1610	K2	FM	87.5MHz-108.0MHz	100kHz	+10.7MHz	25kHz	0	0	0	1
		AM	530kHz-1610kHz	10kHz	+450kHz	10kHz				
Y 1610 RBDS	K3	FM	87.5MHz-108.0MHz	100kHz	+10.7MHz	25kHz	0	0	1	0
		AM	530kHz-1610kHz	10kHz	+450kHz	10kHz				
K, P 1700 RBDS	K4	FM	87.5MHz-108.0MHz	100kHz	+10.7MHz	25kHz	1	0	1	0
		AM	530kHz-1700kHz	10kHz	+450kHz	10kHz				
Y, M, I, C, V, E, X, H	E1	FM	87.5MHz-108.0MHz	50kHz	+10.7MHz	25kHz	0	0	1	1
		AM	531kHz-1602kHz	9kHz	+450kHz	9kHz				
T	E2 LW	FM	87.5MHz-108.0MHz	50kHz	+10.7MHz	25kHz	0	1	0	0
		MW	531kHz-1602kHz	9kHz	+450kHz	9kHz				
		LW	153kHz-279kHz	9kHz	+450kHz	9kHz				
E, T RDS	E3	FM	87.5MHz-108.0MHz	50kHz	+10.7MHz	25kHz	0	1	0	1
		AM	531kHz-1602kHz	9kHz	+450kHz	9kHz				
T	E4 LW RDS	FM	87.5MHz-108.0MHz	50kHz	+10.7MHz	25kHz	0	1	1	0
		MW	531kHz-1602kHz	9kHz	+450kHz	9kHz				
		LW	153kHz-279kHz	9kHz	+450kHz	9kHz				
Q	Q1 RDS	FM L	65.0MHz-74.0MHz	10kHz	+10.7MHz	5kHz	1	0	1	1
		FM H	87.5MHz-108.0MHz	50kHz	+10.7MHz	5kHz				
		AM	531kHz-1602kHz	9kHz	+450kHz	9kHz				
Q	Q2 RDS	FM L	65.0MHz-74.0MHz	10kHz	+10.7MHz	5kHz	1	1	0	0
		FM H	87.5MHz-108.0MHz	50kHz	+10.7MHz	5kHz				
		MW	531kHz-1602kHz	9kHz	+450kHz	9kHz				
		LW	153kHz-279kHz	9kHz	+450kHz	9kHz				
Y, M, I, C, V	M	K2/E1 are decided by Tuner Destination Port 1 input. (0=K2 type 1=E1 type)					0	0	X	1
Y	Y RBDS	K3/E1 are decided by Tuner Destination Port 0 input. (0=K3 type 1=E1 type)					0	0	1	X

KRF-V5050D/V5550D/V6050D/V7050D/X9050D

CIRCUIT DESCRIPTION

3. Microprocessor: MN101C49GLE or MN101C49GLD(X14,IC200)

3-1 Microprocessor Periphery block diagram



KRF-V5050D/V5550D/V6050D/V7050D/X9050D

CIRCUIT DESCRIPTION

3-2 Pin Description of Microprocessor

Pin No.	Pin Name	I/O	Description
1	VREF	-	Connected to ground.
2	TH SENS	I	Protection signal detection port for thermal sensor.
3	PROT1	I	Protection signal detection port for over current.
4	PROT2	I	Protection signal detection port for over voltage.
5	S LEVEL	-	Detection port of RDS signal level.
6	KEY GET	I	A/D key input for band and standby.
7	CE2	I	Detection port of chip enable 2 for microprocessor.
8	CE1	I	Detection port of chip enable 1 for microprocessor.
9	DIG DET	I	Detection port of digital signal for DTS.
10	VREF	-	A/D reference voltage.
11	VDD	-	Power supply(+5v) for microprocessor.
12	OSC2	O	Main clock output(8.38MHz).
13	OSC1	I	Main clock input(8.38MHz).
14	VSS	-	Connected to ground.
15	XI	-	Connected to ground.
16	XO	-	Unused.
17	MMCD	-	Connected to ground.
18	DIR/CODEC DIN	O	Data output to DIR/CODEC.
19	DIR/CODEC DOUT	I	Data input port from DIR/CODEC.
20	DIR/CODEC CLK	O	Clock output to DIR/CODEC.
21	DSP DIN	O	Data output port to DSP.
22	DSP DOUT	I	Data input port from DSP.
23	DSP CLK	O	Clock output port to DSP.
24	DSP CE1	O	Chip enable 1 output to DSP.
25	DSP CE2	O	Chip enable 2 output to DSP.
26	REM I	I	Remote control signal input 1(Front panel).
27	REM 0	I	Remote control signal input 1(Rear panel).
28	DIR ERR	I	Detection port for DIR ERROR signal.
29	RDS CLK	I	Clock input of RDS demodulator IC.
30	DPS IRQ1	I	Detection port 1for DSP INTREQ.
31	DPS IRQ2	I	Detection port 2 for DSP INTREQ.
32	NC	-	Unused.
33	RESET	I	Reset signal input for microprocessor.
34	DSP PD1	O	PD output port 1for DSP.
35	DSP PD2	O	PD output port 2 for DSP.
36	DIR PD	O	Power down mode port for DIR.
37	CODEC PD	O	Power down mode port for CDDEC.
38	CODEC CLIP	I	Overflow detection port for CODEC analog signal.
39	CODEC CE	O	Chip select for CODEC.
40	RDS DIN	I	Data input of RDS demodulator IC.
41	NC	-	Unused.
42	FL DIN	O	Data output to FL driver.
43	FL DOUT	I	Data input from FL driver.
44	FL CLK	O	Clock output to FL driver.
45	FL CE	O	CE output to FL driver.

KRF-V5050D/V5550D/V6050D/V7050D/X9050D

CIRCUIT DESCRIPTION

Pin No.	Pin Name	I/O	Description
46	TUNER DIN	O	Data output to PLL IC.
47	TUNER CLK	O	Clock output to PLL IC.
48	TUNER CE	O	Chip enable output to PLL IC.
49	TUNER DOUT	I	Data input from PLL IC.
50	TUNER MUTE	O	Mute signal output to PLL IC.
51	TUNER STEREO	I	Stereo signal input from PLL IC.
52	TUNER SD	I	SD signal input from PLL IC.
53	RFRCV CE	O	Chip select output to RF remote control receiving IC.
54	RFRCV DIN	O	Data output to RF remote control receiving IC.
55	RFRCV CLK	O	Clock output to RF remote control receiving IC.
56	S BUSY	I/O	Serial busy signal input/output.
57	S DATA	I/O	Serial data signal input/output.
58	LIMITER	O	Power control for A class.
59	IR SW	O	Switching port of remote control signal.
60	DIR AUTO	I	Non PCM detect port.
61~63	MODEL T0~T3	I	Discrimination port for model type.
64	CH SPACE	I	Discrimination port for channel space.
65~68	TUNER DO~D3	I	Discrimination port(D0~D3) for tuner destination.
69	MULTI CW	I	Encoder (Multi control) upward detection.
70	MULTI CCW	I	Encoder (Multi control) downward detection.
71	SEL CW	I	Encoder (Selector)clockwise detection.
72	SEL CCW	I	Encoder (Selector) counterclockwise detection.
73	VOL. CW	I	Encoder (Vol.)clockwise detection.
74	VOL.CCW	I	Encoder (Vol.) counterclockwise detection.
75	SP. A RLY	O	Relay control for A speaker.
76	CNT/SUB W RELAY	O	Relay control for center and sub speakers.
77	SP. B RLY	O	Relay control for B speaker.
78	SUB W	-	Unused.
79	SURR.RLY	O	Relay control for surround speaker.
80	PWR RLY	O	Control port of power relay.
81	PACK CONT.	O	Power pack control.
82	STANDBY RLY	O	Standby relay control.
83	SURR.MUTE	I	Mute control for surround.
84	20dB ATT.	O	20dB attenuater control.
85	A. MUTE	O	Audio mute control.
86	COMP 1	O	Video component switch control.
87	SEL DIN	O	Data output to selector IC(X08,IC12/14).
88~91	V. CTL A~D	O	Video switch control.
92	SEL. DIN	O	Data output to selector IC(X07,IC8/11).
93	SEL. CLK	O	Clock output to selector IC(X07,IC8/11).
94	SEL. ST1	O	Strobe 1 output to selector IC(X07,IC8).
95	DAVSS	-	Connected to ground.
96	SEL. ST 2	O	Strobe 2 output to selector IC(X07,IC11).
97	VOL. CE	O	Chip enable output to vol. IC (X08,IC15).
98	VOL. CLK	O	Clock output to vol. IC (X08,IC15).
99	V. MUTE	O	Mute control to video selector IC (X14,IC401/402).
100	DAVDD	-	+5V power supply.

KRF-V5050D/V5550D/V6050D/V7050D/X9050D

CIRCUIT DESCRIPTION

4. AK4112AVF u-com interface port

Pin Name	Pin No.	I/O	Function
PD	7	I	Power Down Mode Pin When "L", the AK4112AVF is power down and reset.
AUTO	5	O	Non PCM Detect Pin "L":No detect, "H":Detect
FS96	17	O	96kHz Sampling Detect Pin "H":fs=88.2kHz or more, "L":fs=54kHz or less.
ERF	18	O	Unlock & Parity Error Output Pin "L":No Error, "H":Error
CSN	25	I	Chip Select pin in Serial Mode
CCLK	26	I	Control Data Clock Pin in Serial Mode
CDTI	27	I	Control Data Input Pin in Serial Mode
CDTO	28	O	Control Data Output Pin in Serial

5. AK4527B u-com interface port

Pin Name	Pin No.	I/O	Function
PDN	17	I	Power Down & Reset Pin
OVF	33	O	Analog Overflow Detect Pin
CSN	41	I	Chip Select Pin
CCLK	42	I	Control Data Clock Pin
CDTI	43	I	Control Data Input Pin

6. Test Mode

6-1 Entering the Test Mode

- While pressing the "BAND" key, plug the power cord into AC wall outlet.

6-2 Cancelling the Test Mode

- Initialized and cancel the test mode if pulling out the power code.

6-3 Contents of the Test Mode

6-3-1 Pch CALL UP/DOWN

Key	Function
DIMMER	Pch CALL UP →01→02→03→...→39→40→ ↓ ←
INPUT MODE	Pch CALL DOWN ←01←02←03←...←39←40← ↑ →

6-3-2 10 Steps Switching of P ch Call

Key	Function
SET UP	Preset Operation

6-3-3 TUNER mute on/off

Key	Function
LISTEN MODE	TUNER mute on/off

6-3-4 Key Operation

- The following operation is available during the all FL lighting up mode only.(only VR-507/509/510)

Operation Keys	Display	Function
SOUND	Normal Indication	RF receiving frequency is made 422MHz for VR-509/510 and 418MHz for VR-507.
LISTEN MODE	FRONT IR	FRONT IR is enabled and remote control is disabled.
SOURCE DIRECT	RF BAND 2	RF receiving frequency is made 428MHz for VR-509/510.

PC BOARD (Component side view)

1

2

3

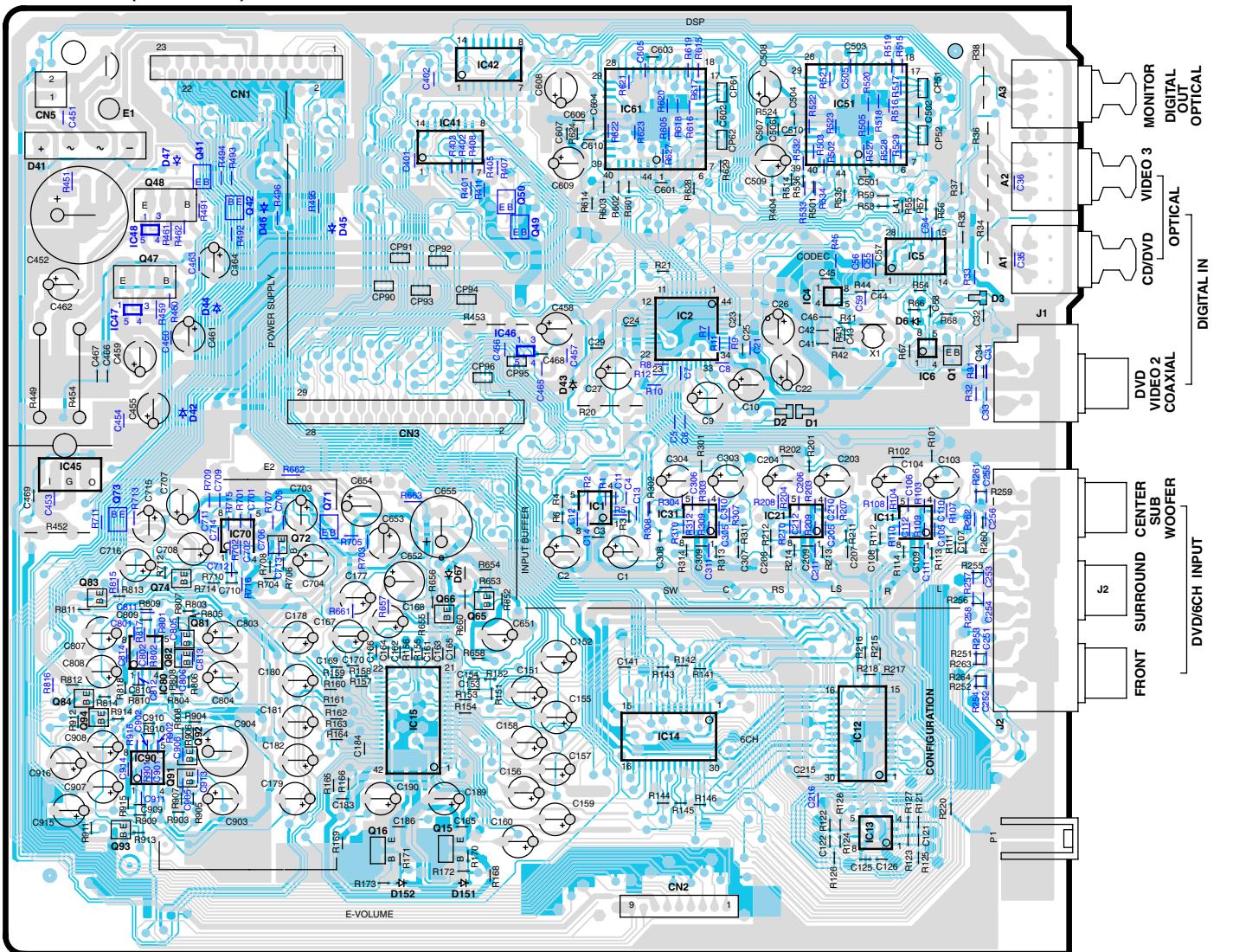
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5

6

7

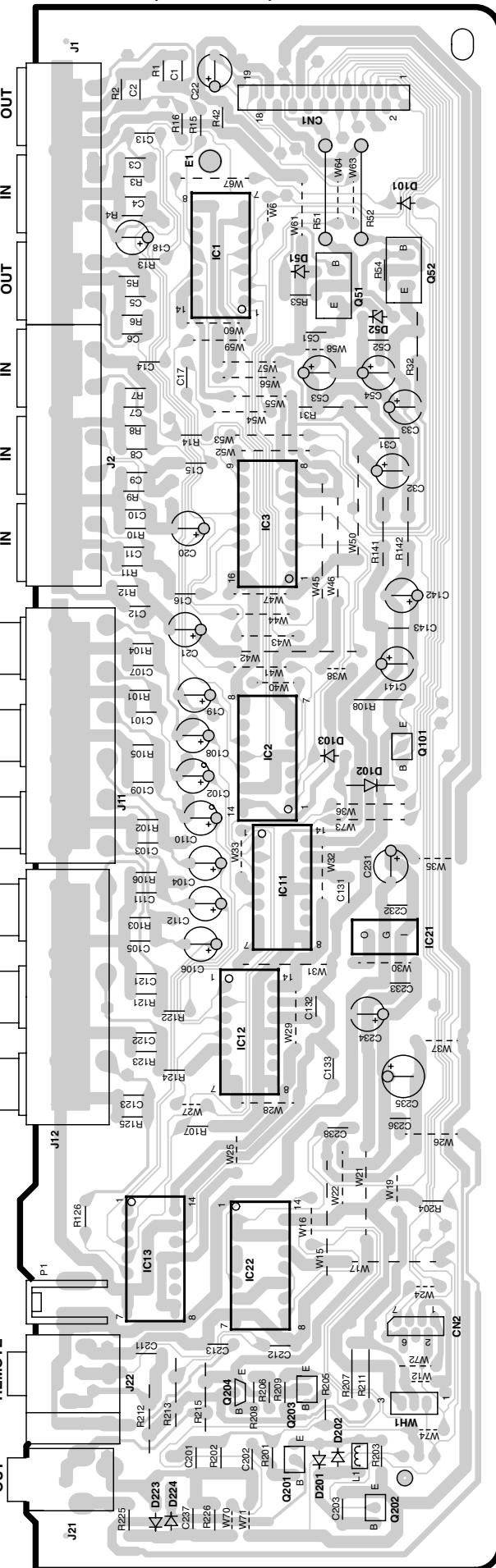
X08-3060-10 (J70-1459-32)



Refer to the schematic diagram for the value of resistors and capacitors.

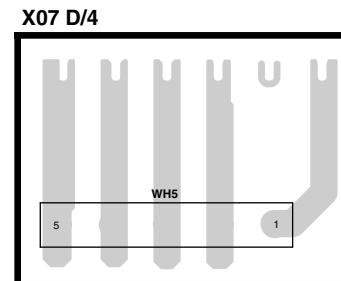
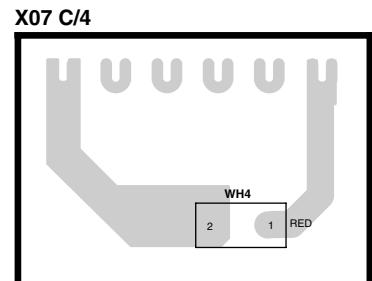
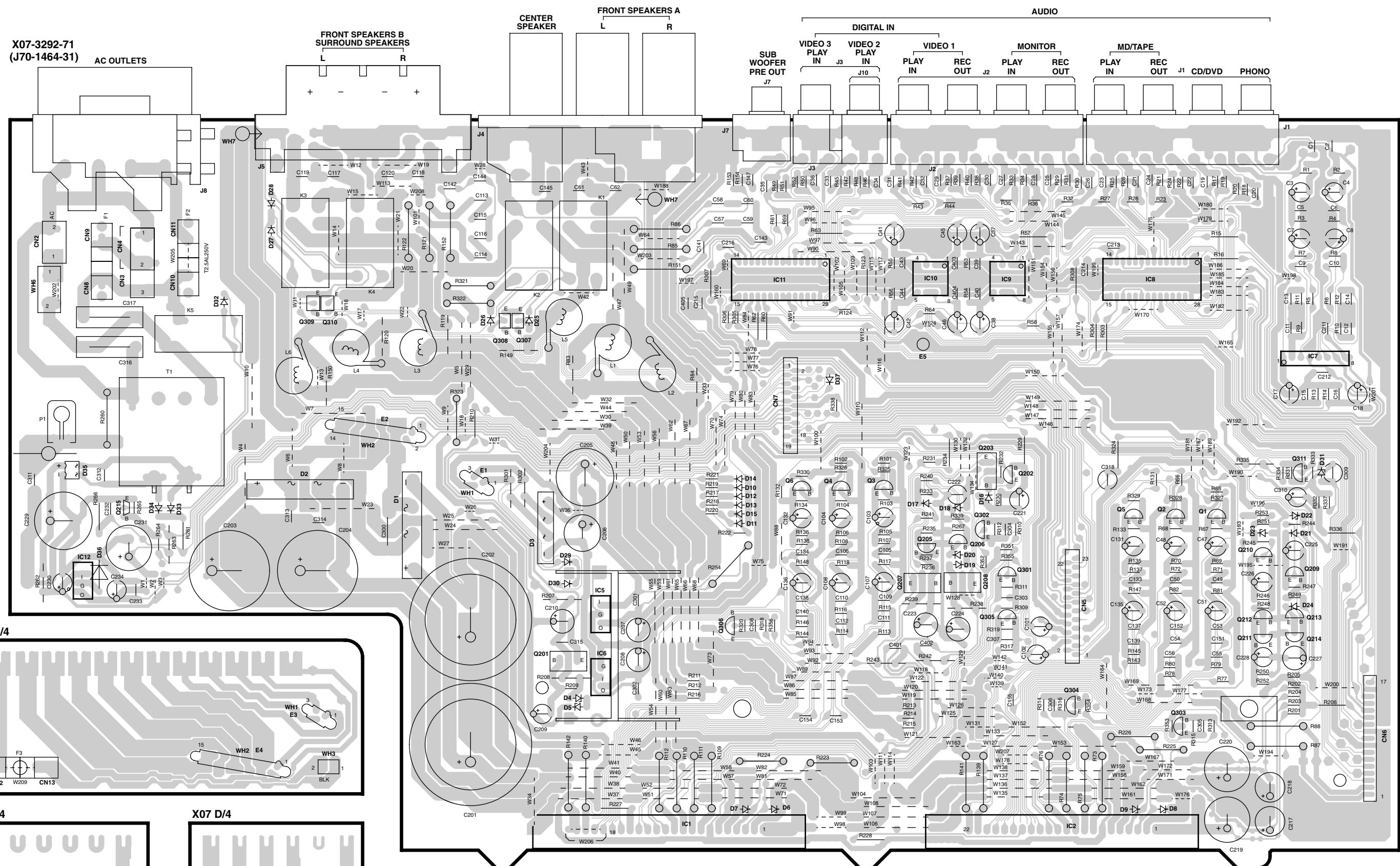
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X35-2252-71 (J70-1468-02)



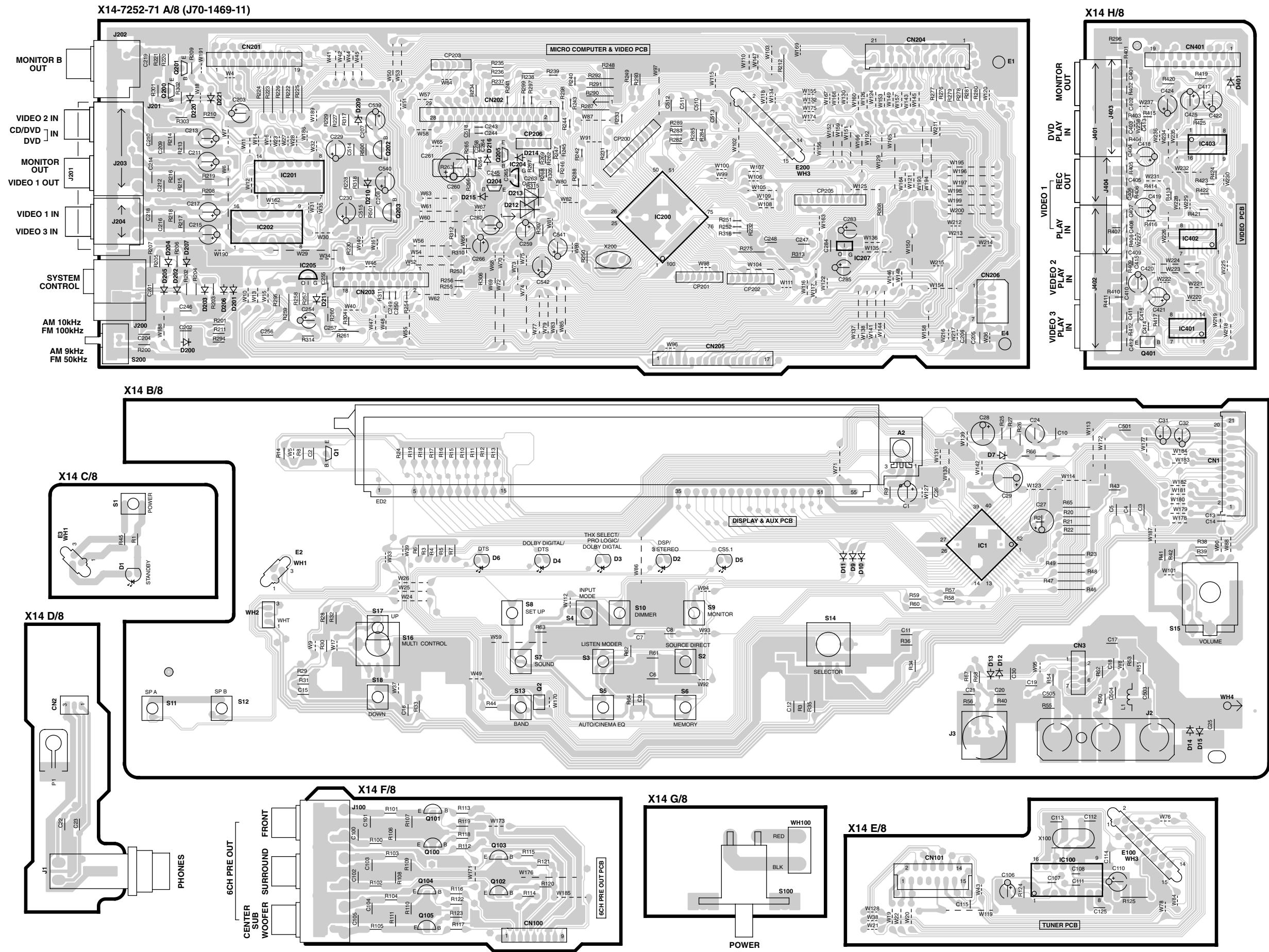
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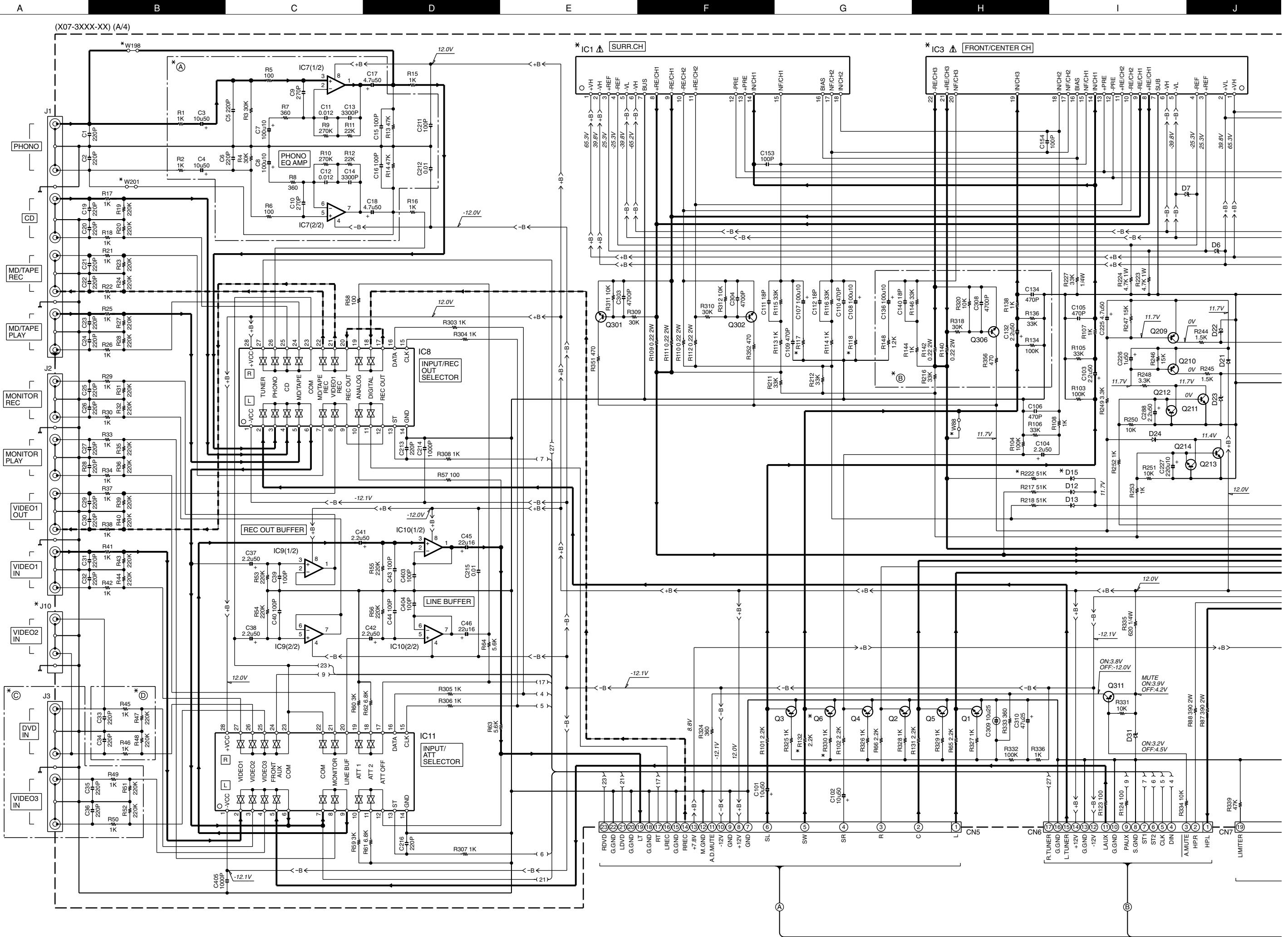
PC BOARD (Component side view)

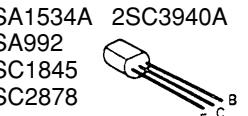
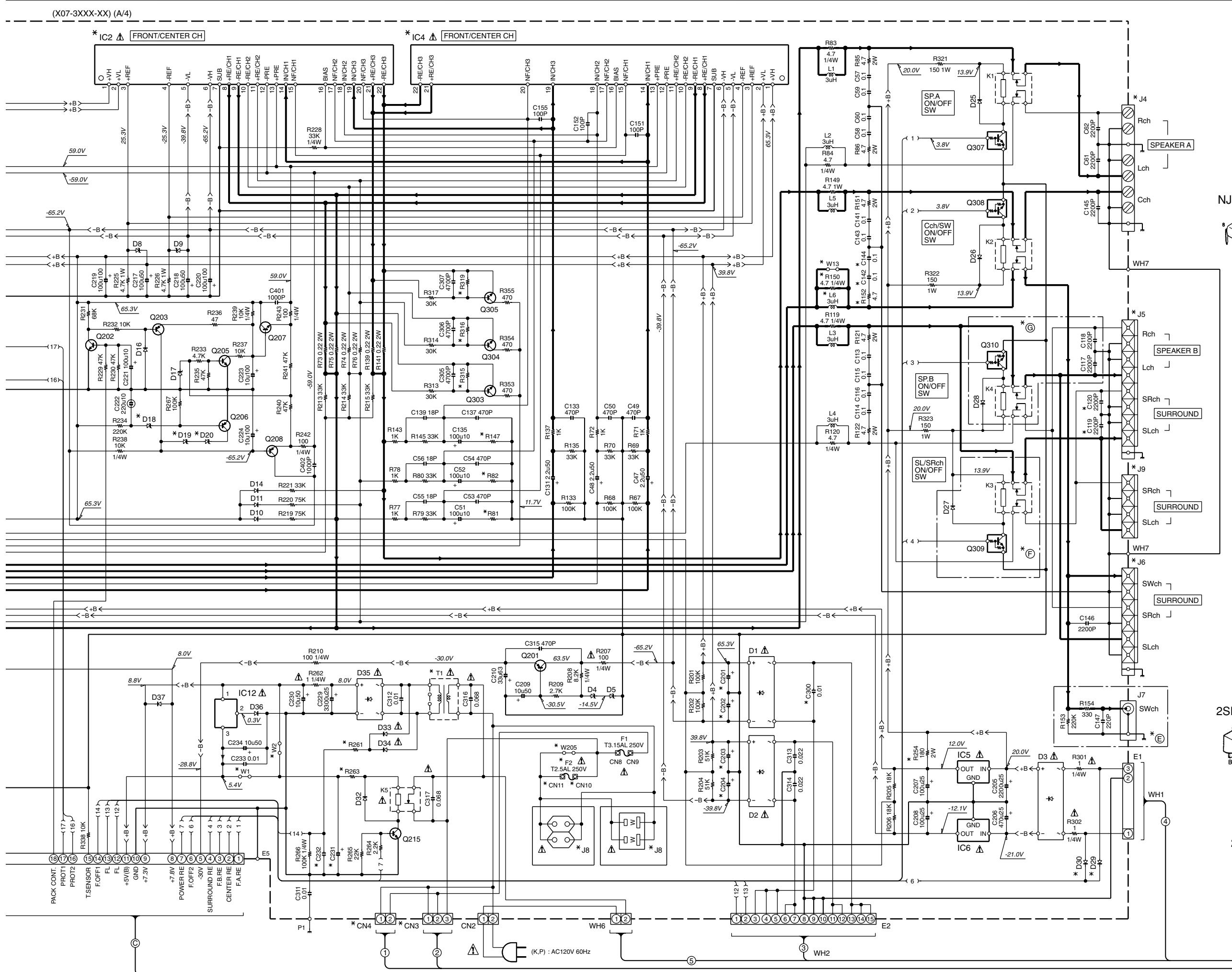


PC BOARD (Component side view)

1
2
3
4
5
6
7



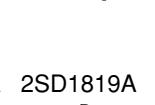




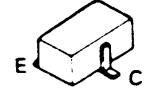
2SA1534A 2SC3940A
 2SA992
 2SC1845
 2SC2878



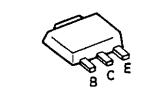
DTC124ESA
2SC1740S



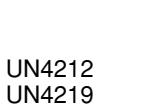
76A 2SD1819A



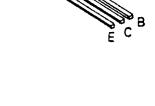
A 3D-style block diagram of a component. It has a rectangular base with a central vertical pin protruding from the top. Two horizontal leads extend from the base, one to the left labeled 'E' and one to the right labeled 'C'.



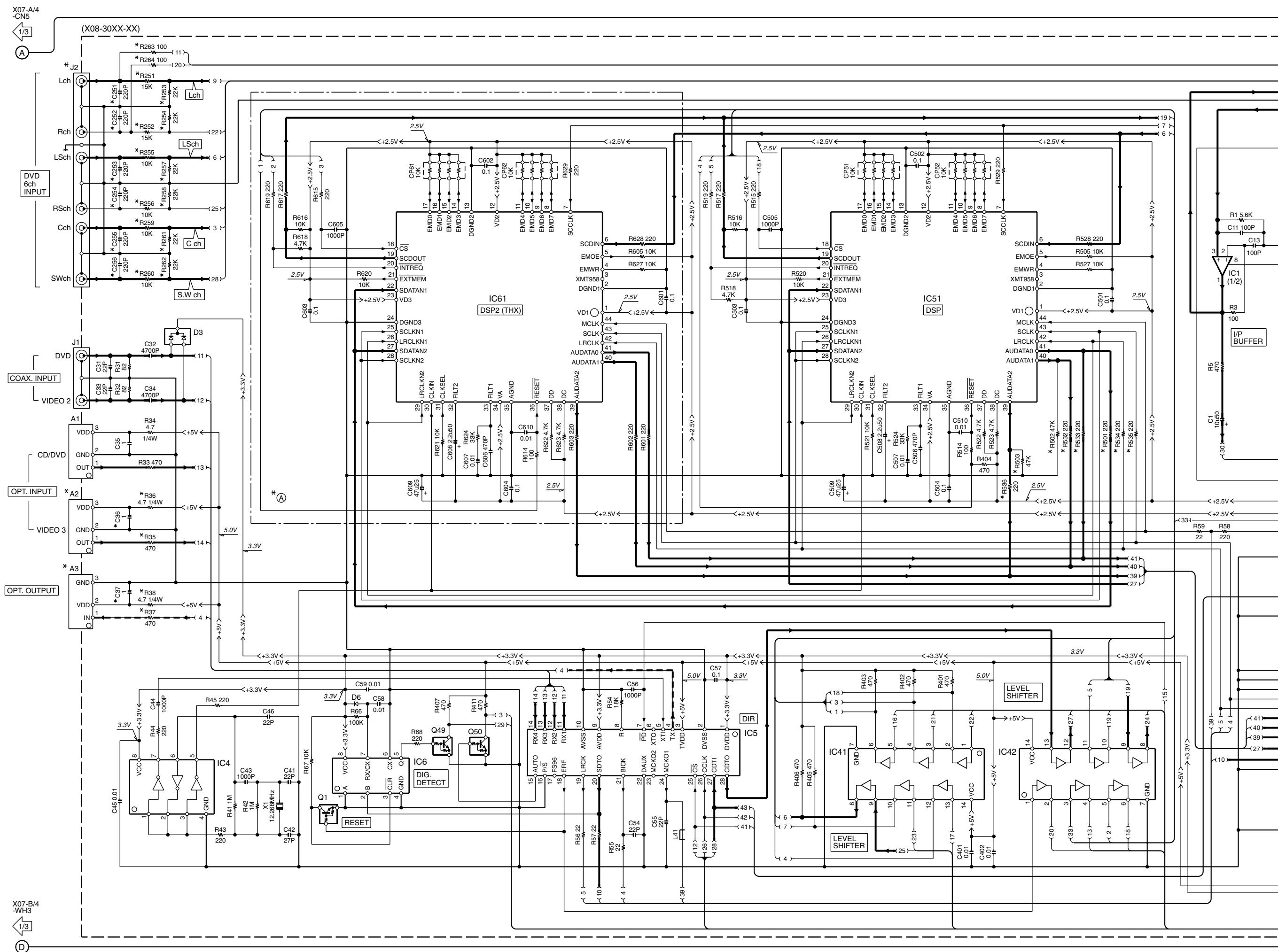
2SA1535A
2SC3944A

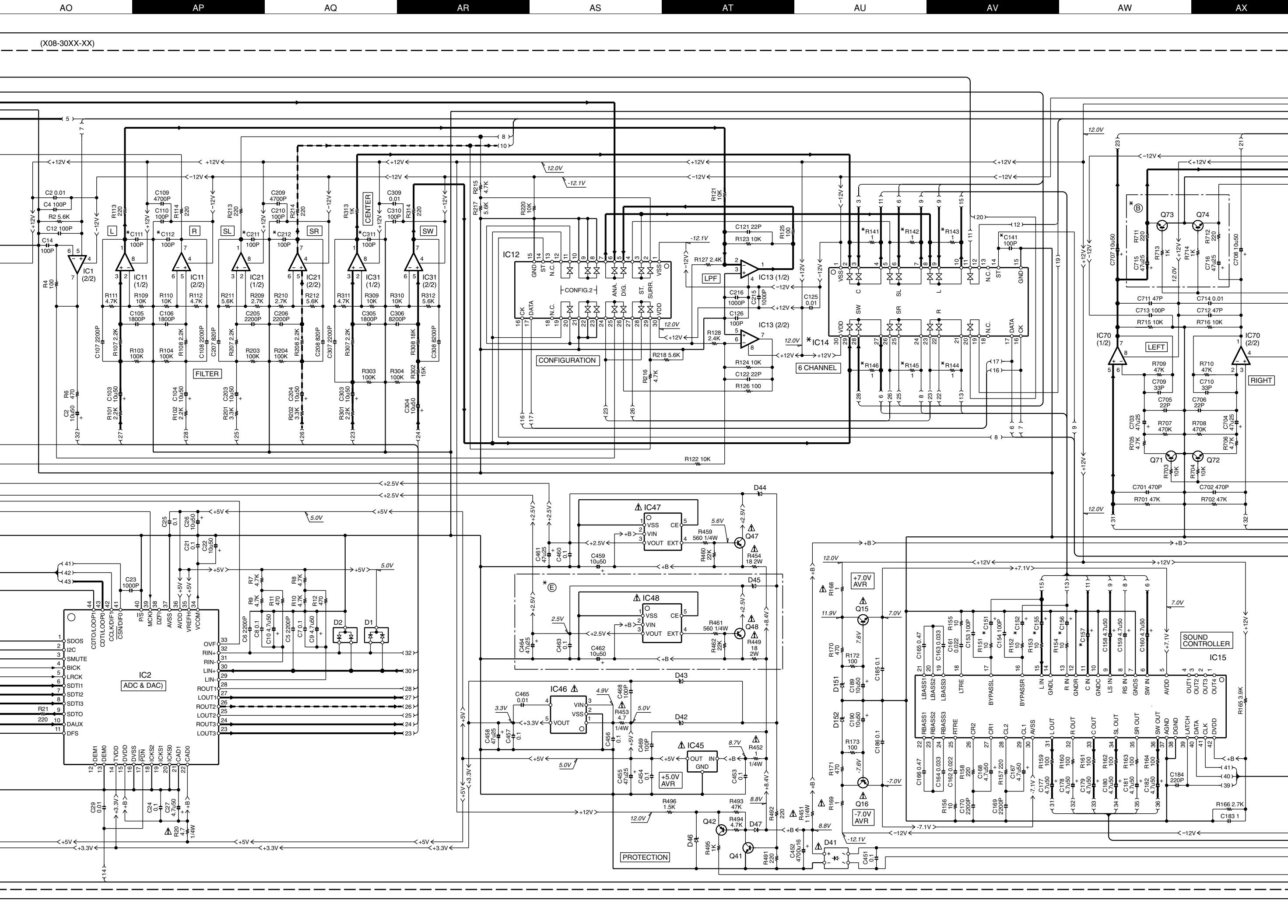


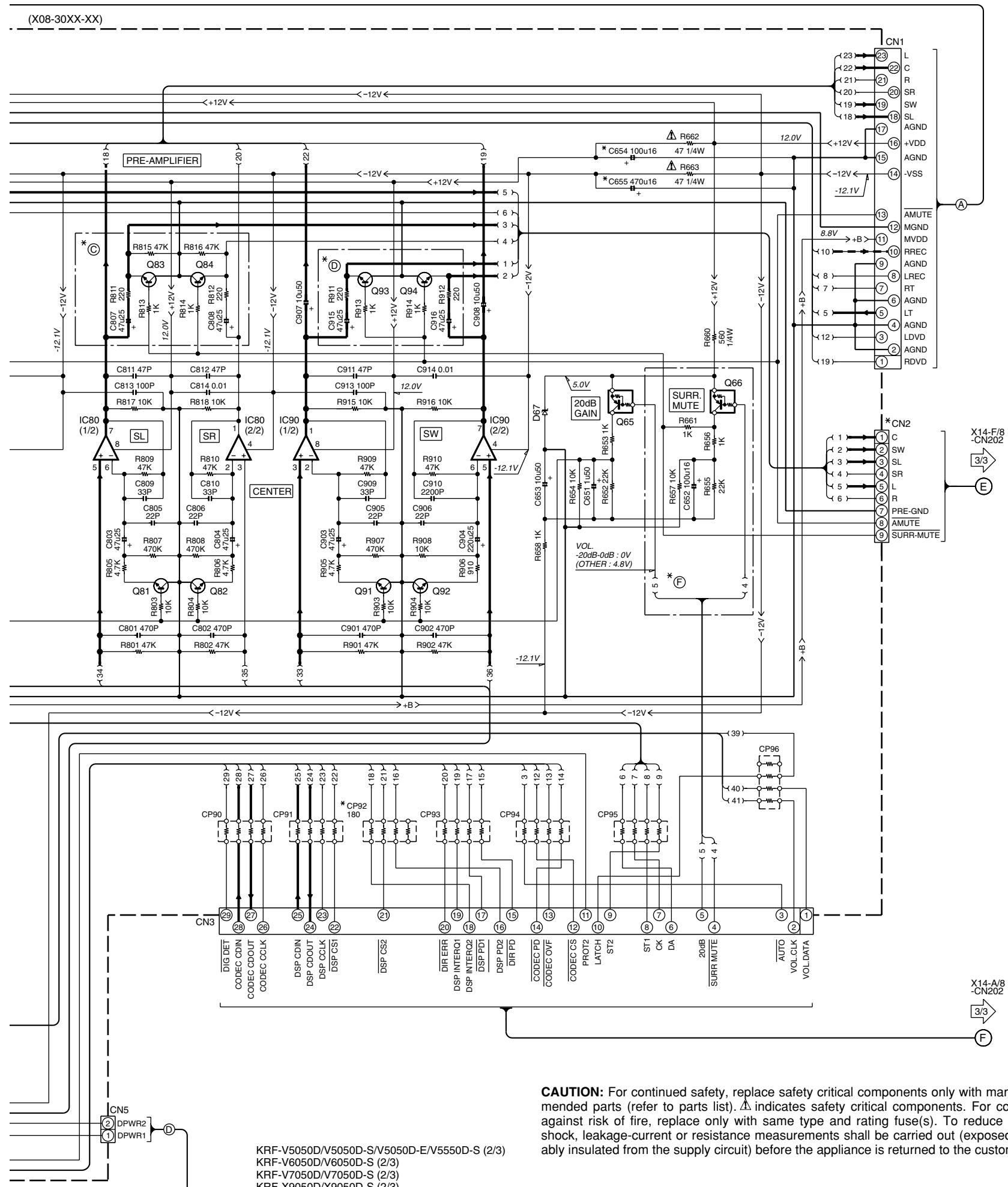
4 UN4212
UN4219



375 2SC4081







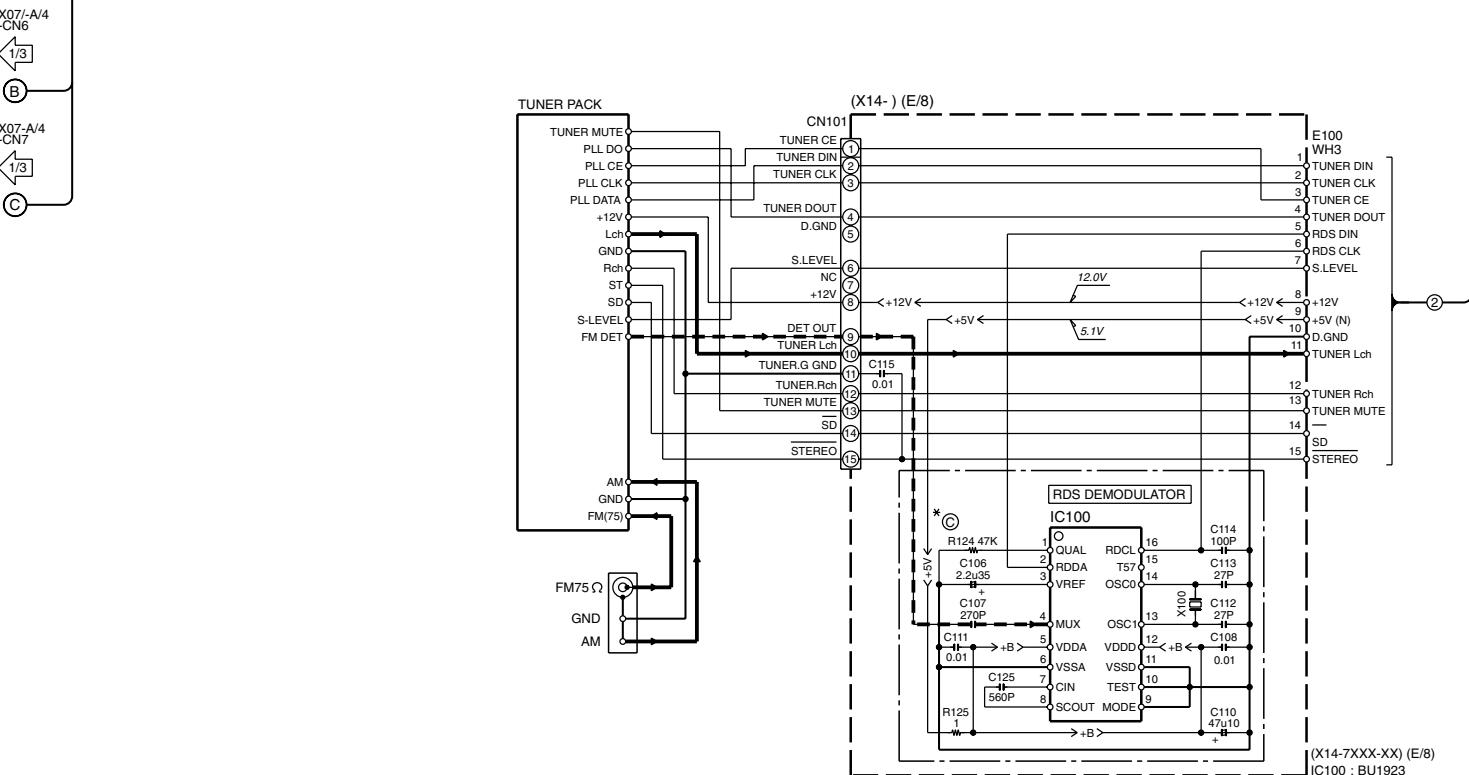
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

KRF-V6050D (X08-3060-11)															
DESTINATION COUNTRY		UNIT No.	(A) ABB.	(B) C	(C) D	(E) F	A2 A3	C36,37,111,112, 211,212,311,654,655	C141, 251-256	C151,152, 155-157	R35-38, 141-146,501-503	R251-264, 532-536	IC14	J2	CP92
PX	Y														
EUROPE	E	0-11		NO		NO		NO	YES	4.7u50	NO	YES	YES	YES	NO

KRF-V5050DE (X08-3060-11)														
(A)	(B)	(C)	(D)	(E)	(F)	A2 A3	C36,37,111,112, 211,212,311,654,655	C141, 251-256	C151,152, 155-157	R35-38, 141-146,501-503	R251-264, 532-536	IC14	J2	CP92
EUROPE	E3	0-11	NO	NO	NO	YES	4.7u50	NO	YES	YES	YES	NO		

C1,11,13,21,31,70,80,90	Q1,49,50	: UN5212 or DTC124EUA	D1,3	: 1SS301 or DAN202U or
: NJM4565M or	Q15	: 2SD1664(Q,R)		MA142WK
NJM4565MD	Q16	: 2SB1132(Q,R)	D2	: 1SS300 or
C2 : AK4527B-VQ	Q41	: 2SC4081(R,S) or 2SD1819A(Q,R)		DAP202U or
C4 : TC7WU04FU				MA142WA
C5 : AK4112AVF				
C6 : TC7WH123FU	Q42	: 2SA1576A(R,S) or 2SB1218A(Q,R)	D6,47 D41	: MA111 D2SBA20F03
D12,14 : NJU7311AM				
C15 : M62446FP	Q47,48	: 2SB1375	D42,43	: UDZ5.6B or
C41 : TC74HCT07AF	Q65,66	: UN5112 or DTA124EUA	D44,45	: HZU5.6 (B2) UDZ3.9B or
C42 : TC74HCT7007AF				
C45 : BA05T	Q71-74,81-84,91-94			: HZU3.9 (B2)
C46 : BA033LBSG		: 2SC4213 (B)	D46,67	: UDZ5.1B or HZU5.1 (B2)
C47,48 : XC62EP2502MR				
C51 : CSA93263-CLR			D151,152	: UDZ7.5B or HZU7.5 (B2)
C54 : CG492299-CLR				

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.



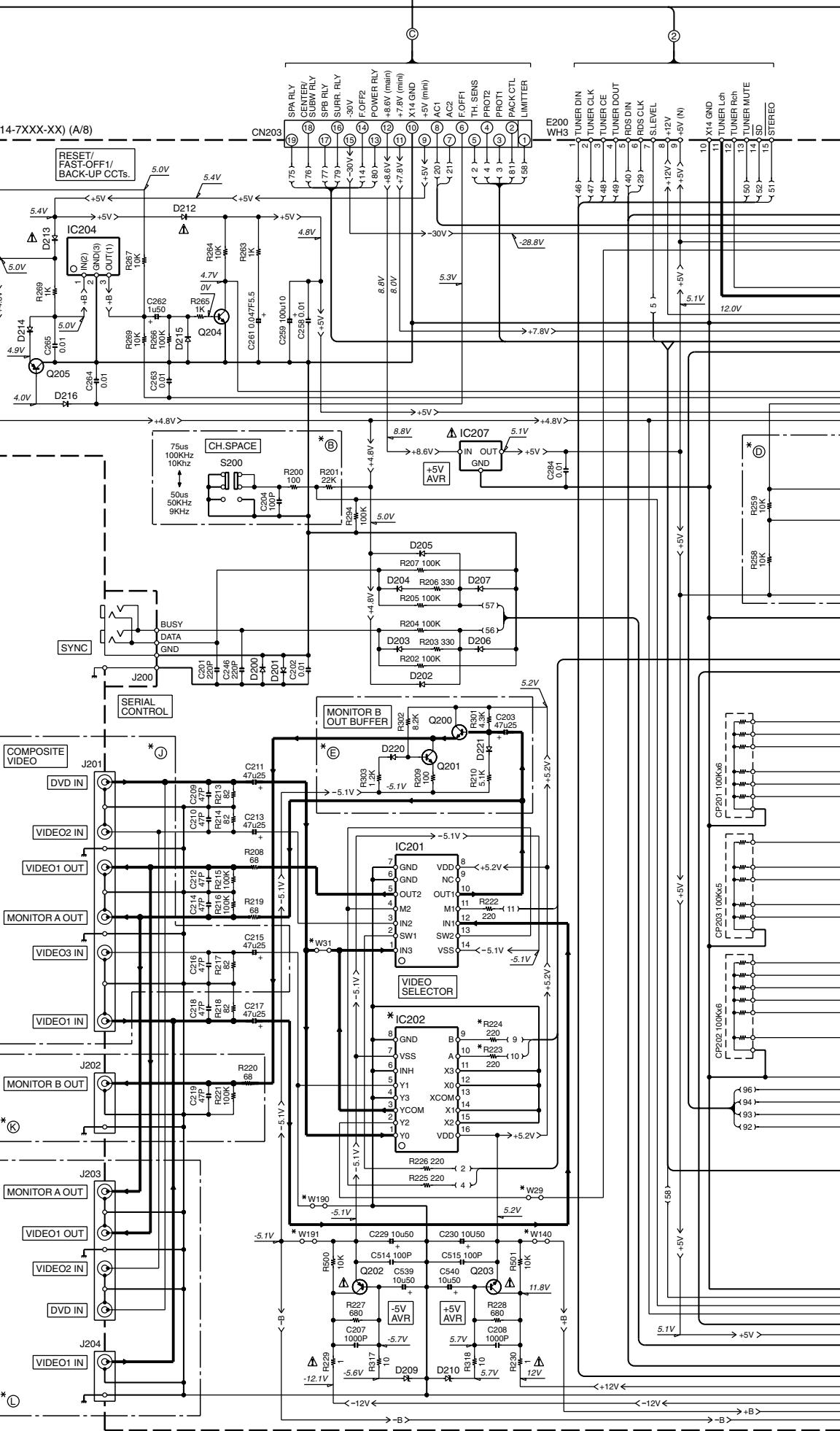
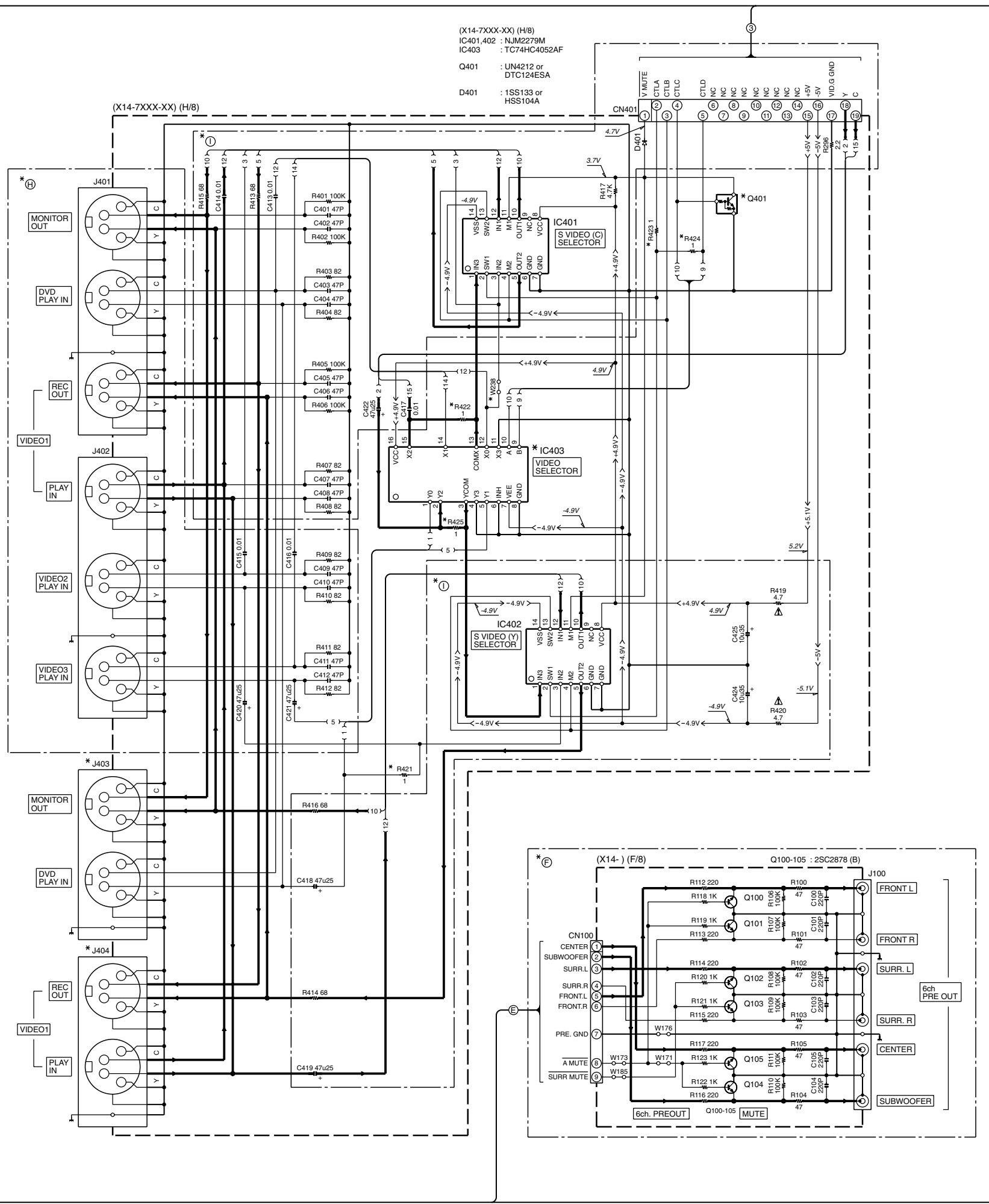
DESTINATION	UNIT	(A) E	F	J	K	(B) D	C	(H) I	L	CN3,201,206	J403,404	IC200	IC202	IC403	Q401	D5,6	R6,7,28,30,223,242,421,425	R32,33,223,242,421,425	R295	R310	C15,16,205,206	S16	S17,18	W29,99,109,140,190,191,238	W109	WH99	
PX	Y 2-92	YES	NO	NO	YES	NO	NO	NO	NO	MN101C49HLD	YES	NO	NO	NO	YES	YES	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	
EUROPE	E 2-72	YES	NO	YES	NO	NO	NO	NO	NO	MN101C49HLD	YES	NO	NO	NO	YES	YES	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	
U.K.	T 2-72	YES	NO	NO	NO	NO	NO	NO	NO	MN101C49HLD	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

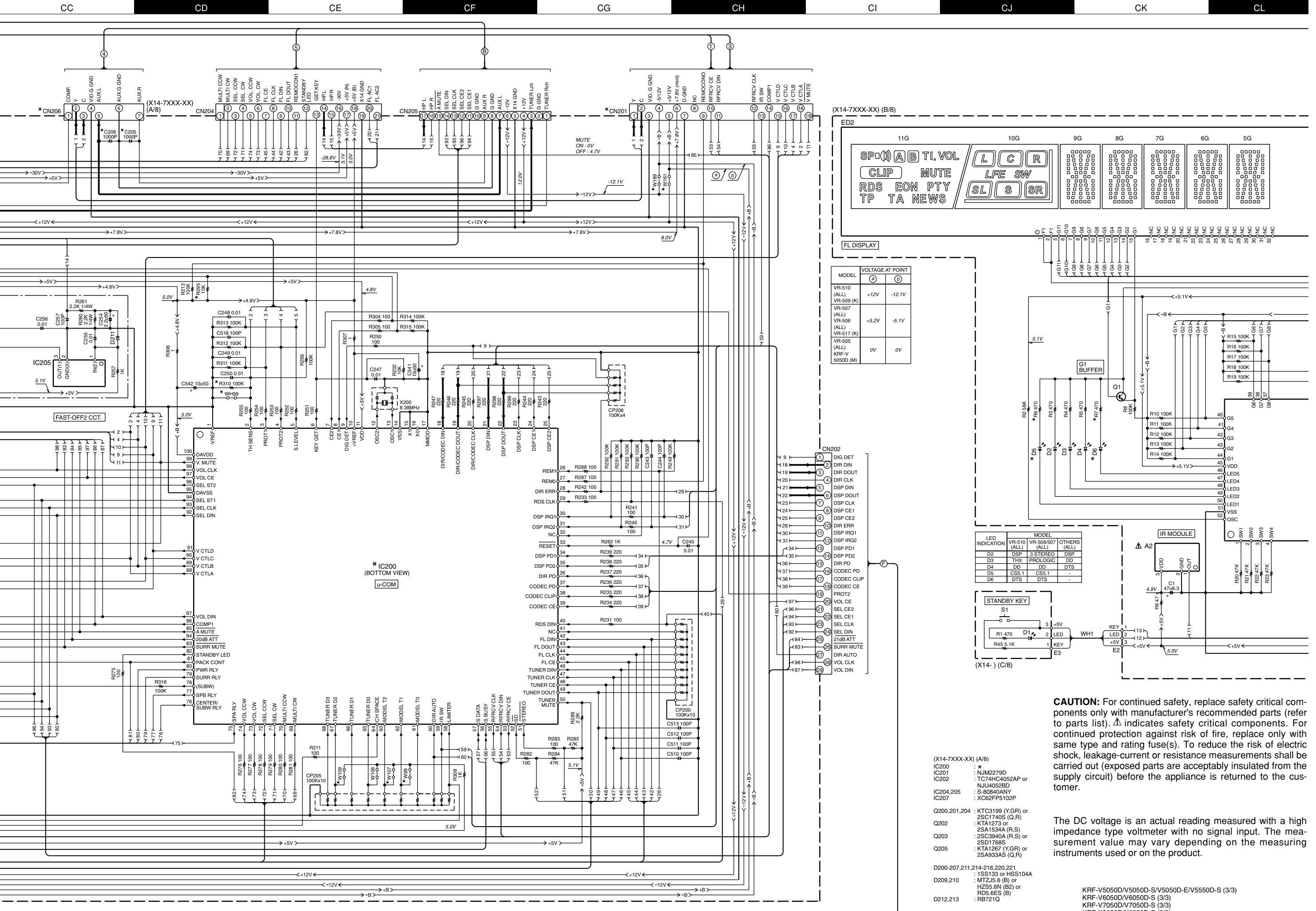
DESTINATION	UNIT	(A) E	F	J	K	(B) D	C	(H) I	L	CN3,201,206	J403,404	IC200	IC202	IC403	Q401	D5,6	R6,7,28,30,223,242,421,425	R32,33,223,242,421,425	R295	R310	C15,16,205,206	S16	S17,18	W29,99,109,140,190,191,238	W109	WH99	
GENERAL MARKET	M 0-22	YES	NO	NO	NO	NO	NO	NO	NO	MN101C49HLD	YES	NO	NO	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
MALAYSIA	I 0-72	YES	NO	NO	NO	NO	NO	NO	NO	MN101C49HLD	YES	NO	NO	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
AUSTRALIA	X 0-72	YES	NO	NO	NO	NO	NO	NO	NO	MN101C49HLD	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

DESTINATION	UNIT	(A) E	I	J	K	(B) D	C	(H) I	L	CN3,201,206	J403,404	IC200	IC202	IC403	Q401	D5,6	R6,7,28,30,223,242,421,425	R32,33,223,242,421,425	R295	R310	C15,16,205,206	S16	S17,18	W29,99,109,140,190,191,238	W109	WH99	
GENERAL MARKET	M 0-21	YES	NO	NO	NO	NO	NO	NO	NO	MN101C49HLD	YES	NO	NO	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
MALAYSIA	I 0-71	YES	NO	NO	NO	NO	NO	NO	NO	MN101C49HLD	YES	NO	NO	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
AUSTRALIA	X 0-71	YES	NO	NO	NO	NO	NO	NO	NO	MN101C49HLD	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

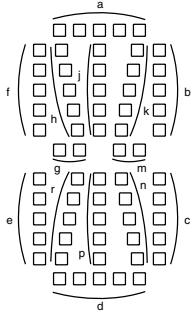
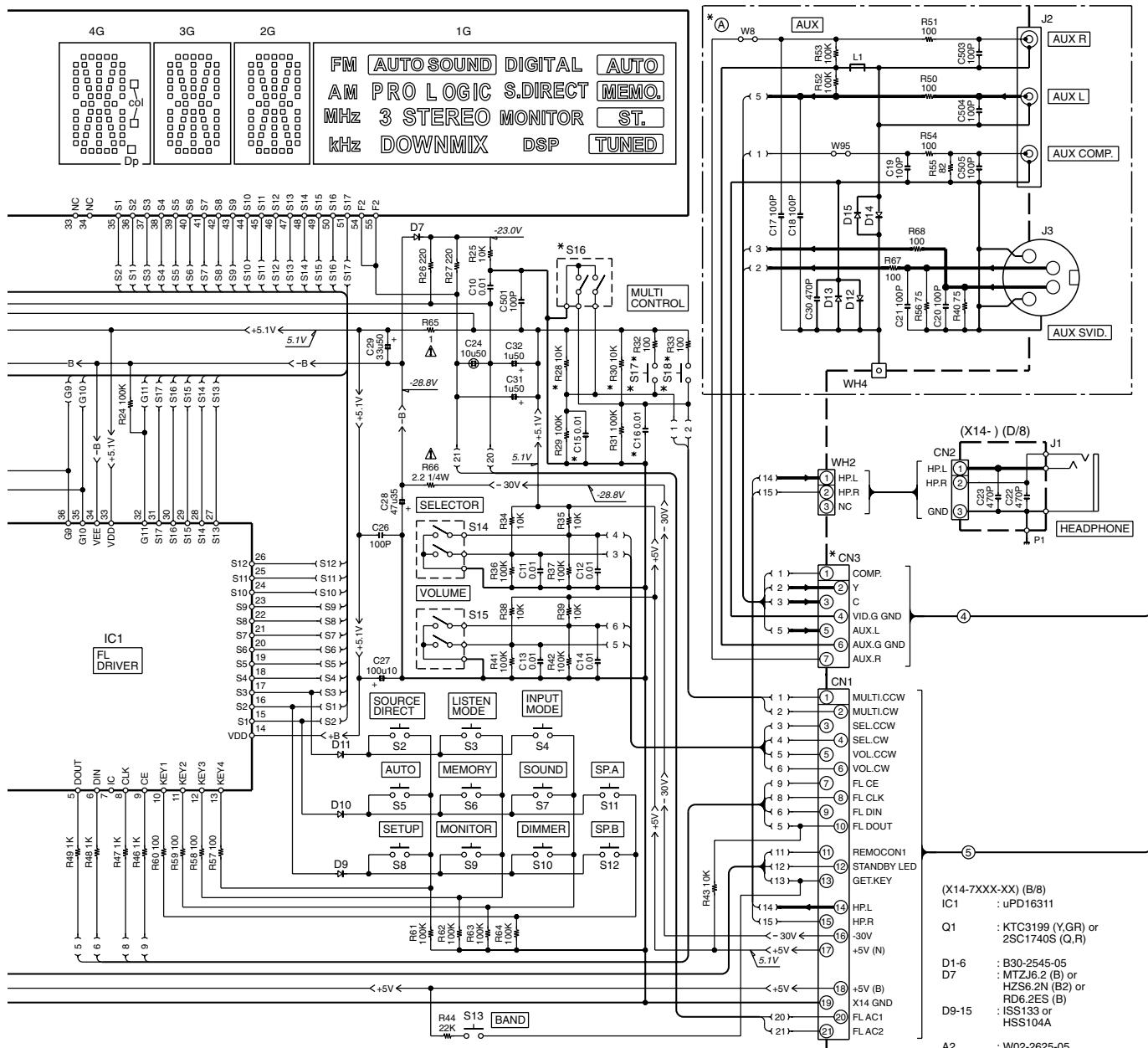
DESTINATION	UNIT	(A) E	F	H	I	J	K	(B) D	C	(H) I	L	CN3,201,206	J403,404	IC200	IC202	IC403	Q401	D5,6	R6,7,28,30,223,242,421,425	R32,33,223,242,421,425	R295	R310	C15,16,205,206	S16	S17,18	W29,99,109,140,190,191,238	W109	WH99

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(X14-7XXX-XX) (B/8)



KRF-V5050D/V5550D/V6050D/V7050D/X9050D

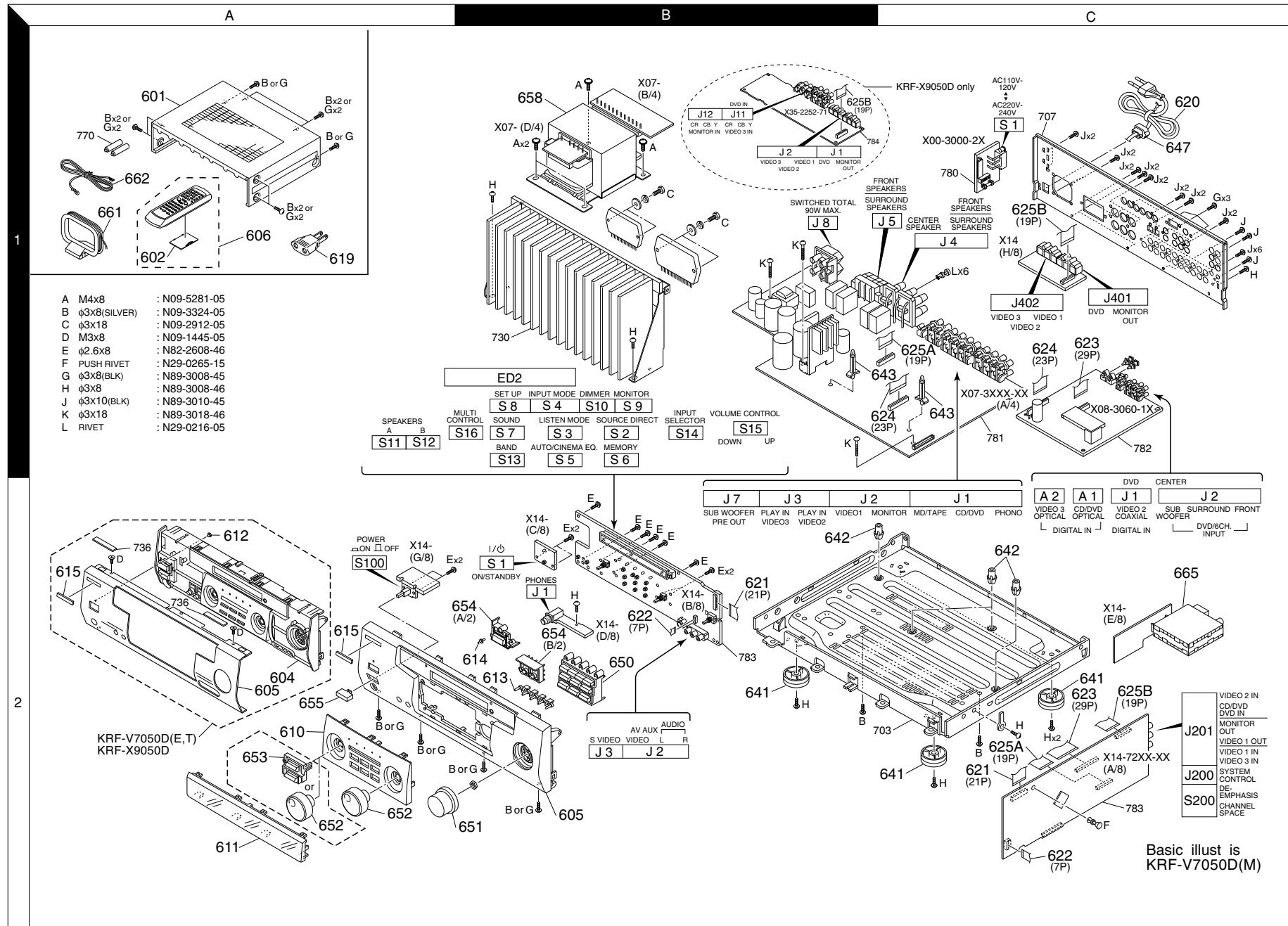
Y05-4152-71

KENWOOD

KRF-V5050D/V5550D/V6050D/V7050D/X9050D

EXPLODED VIEW (UNIT)

Parts with exploded numbers larger than 700 are not supplied.



PARTS LIST

* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

①

* New Parts

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②

Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
KRF-V5050D/V5050DE/V5050D-S						
601	1A	*	A01-3795-01	METALLIC CABINET	YETE2	
601	1A	*	A01-3796-01	METALLIC CABINET	E3T2	
601	1A	*	A01-3796-01	METALLIC CABINET	MXI	
602	1A		A09-1178-08	BATTERY COVER		
605	2B	*	A60-1933-01	PANEL	E3T2	
605	2B	*	A60-1933-01	PANEL	MXI	
605	2B	*	A60-1934-01	PANEL	YETE2	
606	1A	*	A70-1468-15	REMOTE CONTROL ASSY RC-R0511	YMXI	
606	1A	*	A70-1469-05	REMOTE CONTROL ASSY RC-R0512	ETE2	
606	1A	*	A70-1469-05	REMOTE CONTROL ASSY RC-R0512	E3T2	
610	2A	*	B07-2550-02	ESCHUTCHEON	YETE2	
610	2A	*	B07-2551-02	ESCHUTCHEON	E3T2	
610	2A	*	B07-2551-02	ESCHUTCHEON	MXI	
611	2A	*	B10-3658-02	FRONT GLASS	YMXI	
611	2A	*	B10-3670-02	FRONT GLASS	ETE2	
611	2A	*	B10-3670-02	FRONT GLASS	E3T2	
613	2B		B12-0384-04	INDICATOR		
614	2B		B12-0385-04	INDICATOR		
615	2A		B43-0314-04	KENWOOD BADGE		
			B46-0096-53	WARRANTY CARD	X	
			B46-0310-03	WARRANTY CARD	ETE2	
			B46-0310-03	WARRANTY CARD	E3T2	
			B46-0328-03	WARRANTY CARD	Y	
			B58-0513-04	CAUTION CARD (PRESET220-240)	Y	
			B58-0945-03	CAUTION CARD	TT2	
			B58-0964-13	CAUTION CARD (UL)	Y	
			B58-0965-13	CAUTION CARD (T,XtypePL)	XTT2	
			B58-0966-13	CAUTION CARD (ELMtypePL)	MIEE3	
			B58-1607-03	CAUTION CARD	E2	
			B59-1104-00	SERVICE DIRECTORY	Y	
		*	B60-4942-00	INSTRUCTION MANUAL (EN)	YMXI	
		*	B60-4944-00	INSTRUCTION MANUAL (ES)	M	
		*	B60-4945-00	INSTRUCTION MANUAL (TC)	MI	
		*	B60-4947-00	INSTRUCTION MANUAL (EN)	TE2T2	
		*	B60-4948-00	INSTRUCTION MANUAL (FR/GE)	EE3	
		*	B60-4949-00	INSTRUCTION MANUAL (NE/IT)	EE3	
		*	B60-4950-00	INSTRUCTION MANUAL (ES)	EE3	
		*	B60-4951-00	INSTRUCTION MANUAL (PL/RU)	E2	
		*	B60-4952-00	INSTRUCTION MANUAL (CZ/HU)	E2	
△	619	1A	E03-0115-05	AC PLUG ADAPTER	M	
△	620	1C	E30-2605-05	AC POWER CORD	Y	
△	620	1C	E30-2717-05	AC POWER CORD	X	
△	620	1C	E30-2721-05	AC POWER CORD	TT2	
△	620	1C	E30-2942-05	AC POWER CORD	E2E3	
△	620	1C	E30-2942-05	AC POWER CORD	MIE	
621	2B,2C	*	E35-2774-15	FLAT CABLE 21P		
623	1C,2C	*	E35-2776-05	FLAT CABLE 29P		
624	1C	*	E35-2777-05	FLAT CABLE 23P		
625	1C,2C	*	E35-2841-05	FLAT CABLE 19P		
		*	H10-7743-02	POLYSTYRENE FOAMED FIXTURE		
		*	H10-7744-02	POLYSTYRENE FOAMED FIXTURE		
		*	H25-0232-04	PROTECTION BAG (235X350X0.03)		
		*	H25-0391-04	PROTECTION BAG		

L: Scandinavia

K: USA

P: Canada

R: Mexico

C: China

I: Malaysia

Y: PX(Far East,Hawaii)

T: England

E: Europe

G: Germany

V: China(Shanghai)

H: Korea

M: Other Areas

L: Scandinavia

K: USA

P: Canada

R: Mexico

C: China

I: Malaysia

Y: PX(Far East,Hawaii)

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E: Europe

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M: Other Areas

△ indicates safety critical components.

Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
-		*	H50-3998-04	ITEM CARTON CASE	YT	
-		*	H50-3999-04	ITEM CARTON CASE	X	
-		*	H50-4000-04	ITEM CARTON CASE	MI	
-		*	H50-4001-04	ITEM CARTON CASE	E	
-		*	H50-4002-04	ITEM CARTON CASE	E2	
-		*	H50-4003-04	ITEM CARTON CASE	E3	
-		*	H50-4004-04	ITEM CARTON CASE	T2	
641	2B,2C		J02-1464-03	FOOT		
642	2B,2C		J19-3751-04	UNIT HOLDER		
643	1C		J19-6078-05	UNIT HOLDER		
647	1C		J42-0083-05	POWER CORD BUSHING		
			J61-0307-05	WIRE BAND		
650	2B		K29-7675-22	KNOB	CENTER KEY	YETE2
650	2B		K29-7676-22	KNOB	CENTER KEY	E3T2
650	2B		K29-7676-22	KNOB	CENTER KEY	MXI
651	2B		K29-7678-04	KNOB	VOLUME CONTROL	YETE2
651	2B		K29-7679-04	KNOB	VOLUME CONTROL	E3T2
651	2B		K29-7679-04	KNOB	VOLUME CONTROL	MXI
652	2A		K29-7681-14	KNOB	INPUT SELECTOR	YETE2
652	2A		K29-7682-14	KNOB	INPUT SELECTOR	E3T2
652	2A		K29-7682-14	KNOB	INPUT SELECTOR	MXI
653	2A		K29-7684-03	KNOB	MULTI CONTROL	YETE2
653	2A		K29-7685-03	KNOB	MULTI CONTROL	E3T2
653	2A		K29-7685-03	KNOB	MULTI CONTROL	MXI
654	2B		K29-7687-03	KNOB	POWER ON/STANDBY	YETE2
654	2B		K29-7688-03	KNOB	POWER ON/STANDBY	E3T2
654	2B		K29-7688-03	KNOB	POWER ON/STANDBY	MXI
655	2A		K27-2384-04	KNOB (BUTTON)	POWER ON/OFF	YETE2
655	2A		K27-2385-04	KNOB (BUTTON)	POWER ON/OFF	E3T2
655	2A		K27-2385-04	KNOB (BUTTON)	POWER ON/OFF	MXI
658	1B	*	L07-2923-05	POWER TRANSFORMER		
658	1B	*	L07-2924-05	POWER TRANSFORMER		
658	1B	*	L07-2925-05	POWER TRANSFORMER		
658	1B	*	L07-2925-05	POWER TRANSFORMER		
661	1A		T90-0852-05	LOOP ANTENNA		
662	1A		T90-0877-05	LEAD WIRE ANTENNA		
665	2C	*	W02-2772-05	TUNER ASSY		
665	2C	*	W02-2773-05	TUNER ASSY		
665	2C	*	W02-2773-05	TUNER ASSY		
665	2C	*	W02-2776-05	TUNER ASSY		
665	2C	*	W02-2777-05	TUNER ASSY		
665	2C	*	W02-2777-05	TUNER ASSY		

KRF-V6050D/V6050D-S

601	1A	*	A01-3795-01	METALLIC CABINET	YE	
601	1A	*	A01-3796-01	METALLIC CABINET	MXI	
602	1A		A09-1178-08	BATTERY COVER	YE	
605	2B	*	A60-1929-01	PANEL	MXI	
605	2B	*	A60-1930-01	PANEL	YE	
606	1A	*	A70-1466-15	REMOTE CONTROL ASSY RC-R0615	YMXI	
606	1A	*	A70-1467-05	REMOTE CONTROL ASSY RC-R0616	E	
610	2A	*	B07-2550-02	ESCHUTCHEON	YE	
610	2A	*	B07-2551-02	ESCHUTCHEON	MXI	

L: Scandinavia

K: USA

P: Canada

R: Mexico

C: China

I: Malaysia

Y: PX(Far East,Hawaii)

T: England

E: Europe

G: Germany

V: China(Shanghai)

H: Korea

M: Other Areas

△ indicates safety critical components.

KRF-V5050D/V5550D/V6050D/V7050D/X9050D PARTS LIST

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
611	2A	*	B10-3655-02	FRONT GLASS	YMXI	
611	2A	*	B10-3656-02	FRONT GLASS	E	
613	2B		B12-0384-04	INDICATOR		
614	2B		B12-0385-04	INDICATOR		
615	2A		B43-0314-04	KENWOOD BADGE		
-			B46-0096-53	WARRANTY CARD	X	
-			B46-0310-03	WARRANTY CARD	E	
-			B46-0328-03	WARRANTY CARD	Y	
-			B58-0513-04	CAUTION CARD (PRESET220-240)	Y	
-			B58-0964-13	CAUTION CARD (UL)	Y	
-			B58-0965-13	CAUTION CARD (T,XtypePL)	X	
-			B58-0966-13	CAUTION CARD (ELMtypePL)	MIE	
-		*	B59-1104-00	SERVICE DIRECTORY	Y	
-		*	B60-4942-00	INSTRUCTION MANUAL (EN)	YMXI	
-		*	B60-4944-00	INSTRUCTION MANUAL (ES)	M	
-		*	B60-4945-00	INSTRUCTION MANUAL (TC)	MI	
-		*	B60-4948-00	INSTRUCTION MANUAL (FR/GE)	EE	
-		*	B60-4949-00	INSTRUCTION MANUAL (NE/IT)	E	
-		*	B60-4950-00	INSTRUCTION MANUAL (ES)	E	
△ 619	1A		E03-0115-05	AC PLUG ADAPTER	M	
△ 620	1C		E30-2605-05	AC POWER CORD	Y	
△ 620	1C		E30-2717-05	AC POWER CORD	X	
△ 620	1C		E30-2942-05	AC POWER CORD	MIE	
621	2B,2C	*	E35-2774-15	FLAT CABLE 21P		
622	2B,2C	*	E35-2775-15	FLAT CABLE 7P		
623	1C,2C	*	E35-2776-05	FLAT CABLE 29P		
624	1C	*	E35-2777-05	FLAT CABLE 23P		
625	1C,2C	*	E35-2841-05	FLAT CABLE 19P		
-		*	H10-7743-02	POLYSTYRENE FOAMED FIXTURE		
-		*	H10-7744-02	POLYSTYRENE FOAMED FIXTURE		
-		*	H25-0232-04	PROTECTION BAG (235X350X0.03)		
-		*	H25-0391-04	PROTECTION BAG		
-		*	H50-3993-04	ITEM CARTON CASE	Y	
-		*	H50-3994-04	ITEM CARTON CASE	X	
-		*	H50-3995-04	ITEM CARTON CASE	MI	
-		*	H50-3996-04	ITEM CARTON CASE	E	
641	2B,2C		J02-1464-03	FOOT		
642	2B,2C		J19-3751-04	UNIT HOLDER		
643	1C		J19-6078-05	UNIT HOLDER		
△ 647	1C		J42-0083-05	POWER CORD BUSHING		
-			J61-0307-05	WIRE BAND		
650	2B		K29-7675-22	KNOB	CENTER KEY	YE
650	2B		K29-7676-22	KNOB	CENTER KEY	MXI
651	2B		K29-7678-04	KNOB	VOLUME CONTROL	YE
651	2B		K29-7679-04	KNOB	VOLUME CONTROL	MXI
652	2A		K29-7681-14	KNOB	INPUT SELECTOR	YE
652	2A		K29-7682-14	KNOB	INPUT SELECTOR	MXI
653	2A		K29-7684-03	KNOB	MULTI CONTROL	YE
653	2A		K29-7685-03	KNOB	MULTI CONTROL	MXI
654	2B		K29-7687-03	KNOB	POWER ON/STANDBY	YE
654	2B		K29-7688-03	KNOB	POWER ON/STANDBY	MXI
655	2A		K27-2384-04	KNOB (BUTTON)	POWER ON/OFF	YE
655	2A		K27-2385-04	KNOB (BUTTON)	POWER ON/OFF	MXI

L: Scandinavia
Y: PX(Far East,Hawaii)
Y: AAFFES(Europe)

K: USA
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X: Australia

P: Canada
E: Europe
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G: Germany
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Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
△ 658	1B	*	L07-2923-05	POWER TRANSFORMER	YMI	
△ 658	1B	*	L07-2924-05	POWER TRANSFORMER	X	
△ 658	1B	*	L07-2925-05	POWER TRANSFORMER	E	
661	1A		T90-0852-05	LOOP ANTENNA		
662	1A	*	T90-0877-05	LEAD WIRE ANTENNA		
665	2C	*	W02-2772-05	TUNER ASSY	YMXI	
665	2C	*	W02-2773-05	TUNER ASSY	E	
665	2C	*	W02-2776-05	TUNER ASSY	YMXI	
665	2C	*	W02-2777-05	TUNER ASSY	E	
KRF-V7050D/V7050D-S						
601	1A	*	A01-3793-01	METALLIC CABINET	ET	
601	1A	*	A01-3795-01	METALLIC CABINET	Y	
601	1A	*	A01-3796-01	METALLIC CABINET	MXI	
602	1A	*	A09-1178-08	BATTERY COVER		
604	2A	*	A22-1853-01	SUB PANEL	ET	
605	2A	*	A60-1744-12	PANEL	ET	
605	2A	*	A60-1929-01	PANEL	Y	
605	2A	*	A60-1930-01	PANEL	MXI	
606	1A	*	A70-1464-15	REMOTE CONTROL ASSY RC-R0613	YMXI	
606	1A	*	A70-1465-05	REMOTE CONTROL ASSY RC-R0614	ET	
610	2A	*	B07-2554-02	ESCUTCHEON	Y	
610	2A	*	B07-2555-02	ESCUTCHEON	MXI	
611	2A	*	B10-3650-12	FRONT GLASS	YXI	
611	2A	*	B10-3651-12	FRONT GLASS	M	
611	2A	*	B10-3652-12	FRONT GLASS	ET	
612	2A		B12-0341-04	INDICATOR	ET	
613	2B		B12-0383-04	INDICATOR		
614	2B		B12-0385-04	INDICATOR	YMXI	
615	2A		B43-0314-04	KENWOOD BADGE		
-			B46-0096-53	WARRANTY CARD	X	
-			B46-0310-03	WARRANTY CARD	ET	
-			B46-0328-03	WARRANTY CARD	Y	
-			B58-0513-04	CAUTION CARD (PRESET220-240)	T	
-			B58-0945-03	CAUTION CARD	Y	
-			B58-0964-13	CAUTION CARD (UL)	Y	
-			B58-0965-13	CAUTION CARD (T,XtypePL)	XT	
-			B58-0966-13	CAUTION CARD (ELMtypePL)	MIE	
-			B59-1104-00	SERVICE DIRECTORY	Y	
-		*	B60-4942-00	INSTRUCTION MANUAL (EN)	YMXI	
-		*	B60-4944-00	INSTRUCTION MANUAL (ES)	M	
-		*	B60-4945-00	INSTRUCTION MANUAL (TC)	MI	
-		*	B60-4947-00	INSTRUCTION MANUAL (EN)	T	
-		*	B60-4948-00	INSTRUCTION MANUAL (FR/GE)	EE	
-		*	B60-4949-00	INSTRUCTION MANUAL (NE/IT)	E	
-		*	B60-4950-00	INSTRUCTION MANUAL (ES)	E	
△ 619	1A		E03-0115-05	AC PLUG ADAPTER	M	
△ 620	1C		E30-2605-05	AC POWER CORD	Y	
△ 620	1C		E30-2717-05	AC POWER CORD	X	
△ 620	1C		E30-2721-05	AC POWER CORD	T	
△ 620	1C		E30-2942-05	AC POWER CORD	MIE	
621	2B,2C	*	E35-2774-15	FLAT CABLE 21P	7P	
622	2B,2C	*	E35-2775-15	FLAT CABLE 29P	23P	
623	1C,2C	*	E35-2776-05	FLAT CABLE 23P	23P	
624	1C	*	E35-2777-05	FLAT CABLE 21P	21P	

L: Scandinavia
Y: PX(Far East,Hawaii)
Y: AAFFES(Europe)

K: USA
T: England
X: Australia

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E: Europe
Q: Russia

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G: Germany
H: Korea

C: China
V: China(Shanghai)

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△ indicates safety critical components .

PARTS LIST

* New Parts

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Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
625	1C,2C	*	E35-2841-05	FLAT CABLE 19P		
-		*	H10-7743-02	POLYSTYRENE FOAMED FIXTURE		
-		*	H10-7744-02	POLYSTYRENE FOAMED FIXTURE		
-		*	H25-0232-04	PROTECTION BAG (235X350X0.03)		
-		*	H25-0391-04	PROTECTION BAG		
-		*	H50-3987-04	ITEM CARTON CASE	YT	
-		*	H50-3988-04	ITEM CARTON CASE	X	
-		*	H50-3989-04	ITEM CARTON CASE	MI	
-		*	H50-3991-04	ITEM CARTON CASE	E	
641	2B,2C	J02-1464-03		FOOT		
642	2B,2C	J19-3751-04		UNIT HOLDER		
643	1C	J19-6078-05		UNIT HOLDER		
△ 647	1C	J42-0083-05		POWER CORD BUSHING		
-		J61-0307-05		WIRE BAND		
650	2B	K29-7675-22		KNOB CENTER KEY	YET	
650	2B	K29-7676-22		KNOB CENTER KEY	MXI	
651	2B	K29-7678-04		VOLUME CONTROL	YET	
651	2B	K29-7679-04		KNOB VOLUME CONTROL	MXI	
652	2A	K29-7681-14		MULTI/INPUT	YET	
652	2A	K29-7682-14		KNOB MULTI/INPUT	MXI	
654	2B	K29-7687-03		KNOB POWER ON/STANDBY	Y	
654	2B	K29-7688-03		KNOB POWER ON/STANDBY	MXI	
655	2A	K27-2384-04		KNOB (BUTTON) POWER ON/OFF	YET	
655	2A	K27-2385-04		KNOB (BUTTON) POWER ON/OFF	MXI	
△ 658	1B	*	L07-2923-05	POWER TRANSFORMER	YMI	
△ 658	1B	*	L07-2924-05	POWER TRANSFORMER	X	
△ 658	1B	*	L07-2925-05	POWER TRANSFORMER	ET	
661	1A	*	T90-0852-05	LOOP ANTENNA		
662	1A	*	T90-0877-05	LEAD WIRE ANTENNA		
665	2C	*	W02-2772-05	TUNER ASSY	YMXI	
665	2C	*	W02-2773-05	TUNER ASSY	ET	
665	2C	*	W02-2776-05	TUNER ASSY	YMXI	
665	2C	*	W02-2777-05	TUNER ASSY	ET	
KRF-V5550D-S						
601	1A	*	A01-3796-01	METALLIC CABINET		
602	1A	*	A09-1178-08	BATTERY COVER		
605	2B	*	A60-1997-01	PANEL		
606	2B	*	A70-1507-05	REMOTE CONTROL ASSY RC-R0617		
610	2A	*	B07-2551-02	ESCUTCHEON		
611	2A	*	B10-3678-02	FRONT GLASS		
613	2B	*	B12-0384-04	INDICATOR		
614	2B	*	B12-0385-04	INDICATOR		
615	2A	*	B43-0314-04	KENWOOD BADGE		
-			B46-0328-03	WARRANTY CARD	Y	
-		*	B58-0513-04	CAUTION CARD (PRESET220-240)	Y	
-		*	B58-0964-13	CAUTION CARD (UL)	Y	
-		*	B58-0966-13	CAUTION CARD (ELMtypePK)	M	
-		*	B59-1104-00	SERVICE DIRECTORY	Y	
-		*	B60-4942-00	INSTRUCTION MANUAL (EN)	M	
-		*	B60-4944-00	INSTRUCTION MANUAL (ES)	M	
-		*	B60-4945-00	INSTRUCTION MANUAL (TC)	M	
△ 619	1A		E03-0115-05	AC PLUG ADAPTER	M	

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620	1C	*	E30-2605-05	AC POWER CORD	Y	
620	1C	*	E30-2942-05	AC POWER CORD	M	
621	2B,2C	*	E35-2774-15	FLAT CABLE 21P		
623	1C,2C	*	E35-2776-05	FLAT CABLE 29P		
624	1C	*	E35-2777-05	FLAT CABLE 23P		
625	1C,2C	*	E35-2841-05	FLAT CABLE 19P		
-		*	H10-7743-02	POLYSTYRENE FOAMED FIXTURE		
-		*	H10-7744-02	POLYSTYRENE FOAMED FIXTURE		
-		*	H25-0232-04	PROTECTION BAG (235X350X0.03)		
-		*	H25-0391-04	PROTECTION BAG		
-		*	H50-4043-04	ITEM CARTON CASE	M	
-		*	H50-4148-04	ITEM CARTON CASE	Y	
641	2B,2C	J02-1464-03		FOOT		
642	2B,2C	J19-3751-04		UNIT HOLDER		
643	1C	J19-6078-05		UNIT HOLDER		
△ 647	1C	J42-0083-05		POWER CORD BUSHING		
-		J61-0307-05		WIRE BAND		
650	2B	K29-7676-22		KNOB CENTER KEY	YET	
651	2B	K29-7679-04		KNOB VOLUME CONTROL	MXI	
652	2A	K29-7682-14		KNOB INPUT SELECTOR		
653	2A	K29-7685-03		KNOB MULTI CONTROL		
654	2B	K29-7688-03		KNOB POWER ON/STANDBY		
655	2A	K27-2385-04		KNOB (BUTTON) POWER ON/OFF		
△ 658	1B	*	L07-2926-05	POWER TRANSFORMER		
661	1A	*	T90-0852-05	LOOP ANTENNA		
662	1A	*	T90-0877-05	LEAD WIRE ANTENNA		
665	1C	*	W02-2772-05	TUNER ASSY		
665	1C	*	W02-2776-05	TUNER ASSY		

KRF-X9050D/X9050D-S

601	1A	*	A01-3793-01	METALLIC CABINET	YET	
601	1A	*	A01-3794-01	METALLIC CABINET	MXI	
602	1A		A09-1215-08	BATTERY COVER		
604	2A	*	A22-1851-01	SUB PANEL	YET	
604	2A	*	A22-1852-01	SUB PANEL	MXI	
605	2B	*	A60-1937-02	PANEL		
605	2B	*	A60-1938-02	PANEL	YET	
606	1A	*	A70-1480-05	REMOTE CONTROL ASSY RC-R0714	YMXI	
606	1A	*	A70-1481-05	REMOTE CONTROL ASSY RC-R0715	ET	
611	2A	*	B10-3645-12	FRONT GLASS		
611	2A	*	B10-3646-12	FRONT GLASS	M	
611	2A	*	B10-3647-12	FRONT GLASS	ET	
612	2A	*	B12-0341-04	INDICATOR		
612	2A	*	B12-0383-04	INDICATOR		
615	2A		B43-0314-04	KENWOOD BADGE	X	
-			B46-0096-53	WARRANTY CARD	ET	
-			B46-0310-03	WARRANTY CARD	Y	
-			B46-0328-03	WARRANTY CARD	T	
-			B58-0513-04	CAUTION CARD (PRESET220-240)	Y	
-			B58-0945-03	CAUTION CARD	XT	
-			B58-0964-13	CAUTION CARD (UL)		
-			B58-0965-13	CAUTION CARD (T,XtypePL)		

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C201,202		*	C90-3984-05	ELECTRO	4700UF	75WV	ET			E40-9850-05	PIN ASSY					
C201,202		*	C90-3984-05	ELECTRO	4700UF	75WV	E2E3T2			E40-8483-05	FLAT CABLE CONNECTOR					
C203,204		*	C90-3946-05	ELECTRO	3300UF	50WV				E63-1143-05	PIN JACK	79				
C203,204		*	C90-3983-05	ELECTRO	3300UF	50WV	YMXI			E63-1144-05	PIN JACK	679				
C203,204		*	C90-3985-05	ELECTRO	3300UF	42WV				E70-0049-05	SCREW TERMINAL BOARD					
C203,204		*	C90-3985-05	ELECTRO	3300UF	42WV	ET			J4						
C203,204		*	C90-3985-05	ELECTRO	3300UF	42WV	E2E3T2			J4	E70-0122-05	SCREW TERMINAL BOARD	58			
C205			CE04KW1E222M	ELECTRO	2200UF	25WV				J5	E70-0128-05	LOCK TERMINAL BOARD	679			
C206			CE04LW1E471M	ELECTRO	470UF	25WV				J6	E70-0122-05	LOCK TERMINAL BOARD	8			
C207,208			CE04KW1E101M	ELECTRO	100UF	25WV				J7	E63-1146-05	LOCK TERMINAL BOARD	567			
C209			CE04PW1H100M	ELECTRO	10UF	50WV				J8	E03-0148-05	AC OUTLET	Y			
C210		*	CE04PW1J330M	ELECTRO	33UF	63WV				J8	E03-0149-05	AC OUTLET	MIE			
C211			CC45FSL1H101J	CERAMIC	100PF	J			J8	E03-0310-05	AC OUTLET	E2E3T2				
C212			CK45FF1H103Z	CERAMIC	0.010UF	Z			J8	E03-0325-05	AC OUTLET	X				
C213			CC45FSL1H221J	CERAMIC	220PF	J			J9	E70-0057-05	LOCK TERMINAL BOARD	5				
C214			CK45FB1H102K	CERAMIC	1000PF	K			J10	E63-1138-05	PIN JACK	8				
C215			CK45FF1H103Z	CERAMIC	0.010UF	Z			F1	F05-3121-05	FUSE (SEMKO) (250V T3.15AL)	EE2E3				
C216			CC45FSL1H221J	CERAMIC	220PF	J			F2	F05-2525-05	FUSE (SEMKO) (250V T2.5AL)					
C217,218			CE04KW1H101M	ELECTRO	100UF	50WV				CN8,9	J13-0075-05	FUSE CLIP	EE2E3			
C219,220			CE04KW2A101M	ELECTRO	100UF	100WV				CN10,11	J13-0075-05	FUSE CLIP				
C221			CE04PW1A101M	ELECTRO	100UF	10WV				E5	J11-0808-05	WIRE CLAMPER				
C222			CE04HW1A221M	NP-ELEC	220UF	10WV				L1 -5	L39-1373-05	PHASE COMPENSATION COIL	8			
C223,224			CE04KW2A100M	ELECTRO	10UF	100WV				L6	L39-1373-05	PHASE COMPENSATION COIL	679			
C225			CE04PW1H4R7M	ELECTRO	4.7UF	50WV				T1	L07-2758-05	POWER TRANSFORMER	X			
C226			CE04PW1H010M	ELECTRO	1UF	50WV				T1	L07-2761-05	POWER TRANSFORMER	ET			
C227		*	CE04PW1A221M	ELECTRO	220UF	10WV				T1	L07-2761-05	POWER TRANSFORMER	E2E3T2			
C228			CE04PW1H2R2M	ELECTRO	2.2UF	50WV				T1	L07-2805-05	POWER TRANSFORMER	X			
C229			CE04KW1E332M	ELECTRO	3300UF	25WV				R1,2	RD14BB2C102J	RD	1.0K	J	1/6W	5679
C230			CE04KW1H100M	ELECTRO	10UF	50WV				R3,4	RD14BB2C303J	RD	30K	J	1/6W	5679
C231			CE04LW0J222M	ELECTRO	2200UF	6.3WV	YMI			R5,6	RD14BB2C101J	RD	100	J	1/6W	5679
C232			CQ93FMG1H333J	MYLAR	0.033UF	J			R7,8	RD14BB2C361J	RD	360	J	1/6W	5679	
C232			CQ93FMG1H473J	MYLAR	0.047UF	J			R9,10	RD14BB2C274J	RD	270K	J	1/6W	5679	
C232			CQ93FMG1H473J	MYLAR	0.047UF	J			R11,12	RD14BB2C223J	RD	22K	J	1/6W	5679	
C233			C91-1573-05	MP-C	0.10UF	J			R13,14	RD14BB2C473J	RD	47K	J	1/6W	5679	
C233			CK45FF1H103Z	CERAMIC	0.010UF	Z			R45,46	RD14BB2C102J	RD	1.0K	J	1/6W	789	
C234			CE04KW1H100M	ELECTRO	10UF	50WV				R47,48	RD14BB2C224J	RD	220K	J	1/6W	789
C300			CK45FE2H103P	CERAMIC	0.010UF	P			R49,50	RD14BB2C102J	RD	1.0K	J	1/6W	79	
C303-307			CK45FF1H472Z	CERAMIC	4700PF	Z			R51,52	RD14BB2C224J	RD	220K	J	1/6W	79	
C308			CK45FF1H472Z	CERAMIC	4700PF	Z			R73,76	RS14KB3DR22J	RD	0.22	J	2W		
C309			CE04HW1E100M	NP-ELEC	10UF	25WV				R81,82	RD14BB2C112J	RD	1.1K	J	1/6W	YMXI
C310			CE04LW1E470M	ELECTRO	47UF	25WV				R81,82	RD14BB2C122J	RD	1.2K	J	1/6W	567
C311,312			CK45FF1H103Z	CERAMIC	0.010UF	Z			R81,82	RD14BB2C122J	RD	1.2K	J	1/6W	ET	
C313,314			CK45FF1H223Z	CERAMIC	0.022UF	Z			R81,82	RD14BB2C122J	RD	1.2K	J	1/6W	567	
C315			CK45FB1H471K	CERAMIC	470PF	K			R81,82	RD14BB2C122J	RD	1.2K	J	1/6W		
C316,317			C91-1488-05	MF	6800PF	250VAC				R83,84	RD14BB2C122J	RD	1.2K	J	1/6W	E2E3T2
C316,317		*	C91-1635-05	FILM	0.068UF	275WV				R83,84	RD14NB2E4R7J	RD	4.7	J	1/4W	5
C401,402			CK45FB1H102K	CERAMIC	1000PF	K			R85,86	RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W		
C403,404			CC45FSL1H101J	CERAMIC	100PF	J			R87,88	RS14KB3D391J	FL-PROOF RS	390	J	2W		
C405			CK45FB1H102K	CERAMIC	1000PF	K			R109-112	RS14KB3DR22J	FL-PROOF RS	0.22	J	2W		
CN2			E40-4245-05	PIN ASSY						R117,118	RD14BB2C112J	RD	1.1K	J	1/6W	YMXI
CN3			E40-4428-05	PIN ASSY						R117,118	RD14BB2C122J	RD	1.2K	J	1/6W	89
CN4			E40-4245-05	PIN ASSY						R117,118	RD14BB2C122J	RD	1.2K	J	1/6W	ET
CN4			E40-4245-05	PIN ASSY						R117,118	RD14BB2C122J	RD	1.2K	J	1/6W	567
CN5			E40-8485-05	FLAT CABLE CONNECTOR						R119,120	RD14NB2E4R7J	RD	4.7	J	1/4W	5
										R121,122	RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W	

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 Q: Russia
 X: Australia
 Z: AAFFES(Europe)

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KRF-V5050D/V5550D/V6050D/V7050D/X9050D PARTS LIST

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C209			CK73GB1H472K	CHIP C	4700PF	K	
C210			CC73GCH1H101J	CHIP C	100PF	J	
C211,212			CC73GCH1H101J	CHIP C	100PF	J	79
C215,216			CK73GB1H102K	CHIP C	1000PF	K	
C251-256			CC73GCH1H221J	CHIP C	220PF	J	5679
C303,304			CE04PW1H100M	ELECTRO	10UF	50WV	
C305			CK73GB1H182K	CHIP C	1800PF	K	
C306			CK73GB1H822K	CHIP C	8200PF	K	
C307			CK73GB1H222K	CHIP C	2200PF	K	
C308			CK73GB1H822K	CHIP C	8200PF	K	
C309			CK73GB1H103K	CHIP C	0.010UF	K	
C310			CC73GCH1H101J	CHIP C	100PF	J	
C311			CC73GCH1H101J	CHIP C	100PF	J	79
C401,402			CK73GB1H103K	CHIP C	0.010UF	K	
C451			CK73FB1E104K	CHIP C	0.10UF	K	
C452			CE04KW1C472M	ELECTRO	4700UF	16WV	
C453,454			CK73FB1E104K	CHIP C	0.10UF	K	
C455			CE04LW1E470M	ELECTRO	47UF	25WV	
C456,457			CK73FB1E104K	CHIP C	0.10UF	K	
C458			CE04LW1E470M	ELECTRO	47UF	25WV	
C459			CE04PW1H100M	ELECTRO	10UF	50WV	
C460			CK73FB1E104K	CHIP C	0.10UF	K	
C461			CE04PW1E470M	ELECTRO	47UF	25WV	
C462			CE04PW1H100M	ELECTRO	10UF	50WV	9
C463			CK73FB1E104K	CHIP C	0.10UF	K	9
C464			CE04PW1E470M	ELECTRO	47UF	25WV	9
C465			CK73GB1H103K	CHIP C	0.010UF	K	
C468,469			CC73GCH1H101J	CHIP C	100PF	J	
C501-504			CK73FB1E104K	CHIP C	0.10UF	K	
C505			CK73GB1H102K	CHIP C	1000PF	K	
C506			CC73GCH1H471J	CHIP C	470PF	J	
C507			CK73GB1H103K	CHIP C	0.010UF	K	
C508			CE04LW1H2R2M	ELECTRO	2.2UF	50WV	
C509			CE04PW1E470M	ELECTRO	47UF	25WV	
C510			CK73GB1H103K	CHIP C	0.010UF	K	
C601-604			CK73FB1E104K	CHIP C	0.10UF	K	9
C605			CK73GB1H102K	CHIP C	1000PF	K	9
C606			CC73GCH1H471J	CHIP C	470PF	J	9
C607			CK73GB1H103K	CHIP C	0.010UF	K	9
C608			CE04LW1H2R2M	ELECTRO	2.2UF	50WV	9
C609			CE04PW1E470M	ELECTRO	47UF	25WV	9
C610			CK73GB1H103K	CHIP C	0.010UF	K	9
C651			CE04PW1H101M	ELECTRO	1UF	50WV	9
C652			CE04PW1C101M	ELECTRO	100UF	16WV	9
C653			CE04PW1H100M	ELECTRO	10UF	50WV	9
C654			CE04LW1C101M	ELECTRO	100UF	16WV	9
C655			CE04EW1C471M	ELECTRO	470UF	16WV	9
C701,702			CK73GB1H471K	CHIP C	470PF	K	
C703,704			CE04KW1E470M	ELECTRO	47UF	25WV	
C705,706			CC73GCH1H220J	CHIP C	22PF	J	
C707,708			CE04KW1H100M	ELECTRO	10UF	50WV	
C709,710			CC73GCH1H330J	CHIP C	33PF	J	
C711,712			CC73GCH1H470J	CHIP C	47PF	J	
C713			CC73GCH1H101J	CHIP C	100PF	J	
C714			CK73GB1H103K	CHIP C	0.010UF	K	

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C715,716			CE04LW1E470M	ELECTRO	47UF	25WV	9
C801,802			CK73GB1H471K	CHIP C	470PF	K	
C803,804			CE04KW1E470M	ELECTRO	47UF	25WV	
C805,806			CC73GCH1H220J	CHIP C	22PF	J	
C807,808			CE04LW1E470M	ELECTRO	47UF	25WV	9
C809,810			CC73GCH1H330J	CHIP C	33PF	J	
C811,812			CC73GCH1H470J	CHIP C	47PF	J	
C813			CC73GCH1H101J	CHIP C	100PF	J	
C814			CK73GB1H103K	CHIP C	0.010UF	K	
C901,902			CK73GB1H471K	CHIP C	470PF	K	
C903			CE04KW1E470M	ELECTRO	47UF	25WV	
C904			CE04KW1E221M	ELECTRO	220UF	25WV	
C905,906			CC73GCH1H220J	CHIP C	22PF	J	
C907,908			CE04KW1H100M	ELECTRO	10UF	50WV	
C909			CC73GCH1H330J	CHIP C	33PF	J	
C910			CK73GB1H222K	CHIP C	2200PF	K	
C911			CC73GCH1H470J	CHIP C	47PF	J	
C913			CC73GCH1H101J	CHIP C	100PF	J	
C914			CK73GB1H103K	CHIP C	0.010UF	K	
C915,916			CE04LW1E470M	ELECTRO	47UF	25WV	9
CN1			E40-8485-05	FLAT CABLE CONNECTOR			
CN2			E40-9842-05	PIN ASSY			9
CN3			E40-8488-05	FLAT CABLE CONNECTOR			
CN5			E40-3246-05	PIN ASSY			
J1			E63-1080-05	PIN JACK			
J2			E63-1139-05	PIN JACK			5679
E2			F10-1197-04	SHIELDING PLATE			
E1			J11-0808-05	WIRE CLAMPER			
L41			L92-0510-05	CHIP FERRITE			
X1			L77-2296-05	CRYSTAL RESONATOR(12.288MHZ)			
CP51,52			R90-0714-05	MULTI-COMP		10K X4	
CP61,62			R90-0714-05	MULTI-COMP		10K X4	
CP90,91			R90-0728-05	MULTI-COMP		180 X4	
CP92			R90-0728-05	MULTI-COMP		180 X4	
CP93,96			R90-0728-05	MULTI-COMP		180 X4	
R1 ,2			RK73GB1J562J	CHIP R	5.6K	J	1/16W
R3 ,4			RK73GB1J101J	CHIP R	100	J	1/16W
R5 ,6			RK73GB1J471J	CHIP R	470	J	1/16W
R7 -10			RK73GB1J472J	CHIP R	4.7K	J	1/16W
R11 ,12			RK73GB1J471J	CHIP R	470	J	1/16W
R20			RD14NB2E4R7J	RD	4.7	J	1/4W
R21			RK73GB1J221J	CHIP R	220	J	1/16W
R31 ,32			RK73GB1J820J	CHIP R	82	J	1/16W
R33			RK73GB1J471J	CHIP R	470	J	1/16W
R34			RD14NB2E4R7J	RD	4.7	J	1/4W
R35			RK73GB1J471J	CHIP R	470	J	1/16W
R36			RD14NB2E4R7J	RD	4.7	J	1/4W
R37			RK73GB1J471J	CHIP R	470	J	1/16W
R38			RD14NB2E4R7J	RD	4.7	J	1/4W
R41 ,42			RK73GB1J105J	CHIP R	1.0M	J	1/16W
R43 -45			RK73GB1J221J	CHIP R	220	J	1/16W
R54			RK73GB1J183J	CHIP R	18K	J	1/16W

L: Scandinavia

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C: China

I: Malaysia

Y: PX(Far East,Hawaii)

T: England

E: Europe

G: Germany

V: China(Shanghai)

M: Other Areas

Y: AAES(Europe)

X: Australia

Q: Russia

H: Korea

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PARTS LIST

17

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17

Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks	Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
R55 -57			RK73GB1J220J	CHIP R 22 J 1/16W			R452			RD14NB2E1R0J	RD 1 J 1/4W		
R58			RK73GB1J221J	CHIP R 220 J 1/16W			R453			RD14NB2E4R7J	RD 4.7 J 1/4W		
R59			RK73GB1J220J	CHIP R 22 J 1/16W			R454			RS14KB3D180J	FL-PROOF RS 18 J 2W		
R66			RK73GB1J104J	CHIP R 100K J 1/16W			R459			METAL GLAZE 560 J 1/4W			
R67			RK73GB1J103J	CHIP R 10K J 1/16W			R460			RK73GB1J223J	CHIP R 22K J 1/16W		
R68			RK73GB1J221J	CHIP R 220 J 1/16W			R461			R92-1993-05	METAL GLAZE 560 J 1/4W		
R101,102			RK73GB1J222J	CHIP R 2.2K J 1/16W			R462			RK73GB1J223J	CHIP R 22K J 1/16W		9
R103,104			RK73GB1J104J	CHIP R 100K J 1/16W			R491,492			RK73GB1J221J	CHIP R 220 J 1/16W		9
R107,108			RK73GB1J222J	CHIP R 2.2K J 1/16W			R493			RK73GB1J473J	CHIP R 47K J 1/16W		
R109,110			RK73GB1J103J	CHIP R 10K J 1/16W			R494			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R111,112			RK73GB1J472J	CHIP R 4.7K J 1/16W			R495			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R113,114			RK73GB1J221J	CHIP R 220 J 1/16W			R496			RK73GB1J152J	CHIP R 1.5K J 1/16W		
R121-124			RK73GB1J103J	CHIP R 10K J 1/16W			R501			RK73GB1J221J	CHIP R 220 J 1/16W		9
R125,126			RK73GB1J101J	CHIP R 100 J 1/16W			R502,503			RK73GB1J473J	CHIP R 47K J 1/16W		9
R127,128			RK73GB1J242J	CHIP R 2.4K J 1/16W			R505			RK73GB1J103J	CHIP R 10K J 1/16W		
R141-146			RK73GB1J100J	CHIP R 1 J 1/16W		8	R514			RK73GB1J101J	CHIP R 100 J 1/16W		
R151-156			RK73GB1J100J	CHIP R 10 J 1/16W			R515			RK73GB1J221J	CHIP R 220 J 1/16W		
R157,158			RK73GB1J221J	CHIP R 220 J 1/16W			R516			RK73GB1J103J	CHIP R 10K J 1/16W		
R159-164			RK73GB1J101J	CHIP R 100 J 1/16W			R517			RK73GB1J221J	CHIP R 220 J 1/16W		
R165			RK73GB1J392J	CHIP R 3.9K J 1/16W			R518			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R166			RK73GB1J272J	CHIP R 2.7K J 1/16W			R519			RK73GB1J221J	CHIP R 220 J 1/16W		
R168,169			RK73FB2A1R0J	CHIP R 1 J 1/10W			R520,521			RK73GB1J103J	CHIP R 10K J 1/16W		
R170,171			RK73GB1J471J	CHIP R 470 J 1/16W			R522,523			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R172,173			RK73GB1J101J	CHIP R 100 J 1/16W			R524			RK73GB1J333J	CHIP R 33K J 1/16W		
R201,202			RK73GB1J332J	CHIP R 3.3K J 1/16W			R527			RK73GB1J103J	CHIP R 10K J 1/16W		
R203,204			RK73GB1J104J	CHIP R 100K J 1/16W			R528,529			RK73GB1J221J	CHIP R 220 J 1/16W		
R207,208			RK73GB1J222J	CHIP R 2.2K J 1/16W			R532-536			RK73GB1J221J	CHIP R 220 J 1/16W		5678
R209,210			RK73GB1J272J	CHIP R 2.7K J 1/16W			R601-603			RK73GB1J221J	CHIP R 220 J 1/16W		9
R211,212			RK73GB1J562J	CHIP R 5.6K J 1/16W			R605			RK73GB1J103J	CHIP R 10K J 1/16W		9
R213,214			RK73GB1J221J	CHIP R 220 J 1/16W			R614			RK73GB1J101J	CHIP R 100 J 1/16W		9
R215,216			RK73GB1J472J	CHIP R 4.7K J 1/16W			R615			RK73GB1J221J	CHIP R 220 J 1/16W		9
R217,218			RK73GB1J562J	CHIP R 5.6K J 1/16W			R616			RK73GB1J103J	CHIP R 10K J 1/16W		9
R220			RK73GB1J103J	CHIP R 10K J 1/16W			R617			RK73GB1J221J	CHIP R 220 J 1/16W		9
R251,252			RK73GB1J153J	CHIP R 15K J 1/16W			R618			RK73GB1J472J	CHIP R 4.7K J 1/16W		9
R253,254			RK73GB1J223J	CHIP R 22K J 1/16W			R619			RK73GB1J221J	CHIP R 220 J 1/16W		9
R255,256			RK73GB1J103J	CHIP R 10K J 1/16W			R620,621			RK73GB1J103J	CHIP R 10K J 1/16W		9
R257,258			RK73GB1J223J	CHIP R 22K J 1/16W			R622,623			RK73GB1J472J	CHIP R 4.7K J 1/16W		9
R259,260			RK73GB1J103J	CHIP R 10K J 1/16W			R624			RK73GB1J333J	CHIP R 33K J 1/16W		9
R261,262			RK73GB1J223J	CHIP R 22K J 1/16W			R627			RK73GB1J103J	CHIP R 10K J 1/16W		9
R263,264			RK73GB1J101J	CHIP R 100 J 1/16W			R628,629			RK73GB1J221J	CHIP R 220 J 1/16W		9
R301			RK73GB1J222J	CHIP R 2.2K J 1/16W			R652			RK73GB1J223J	CHIP R 22K J 1/16W		9
R302			RK73GB1J153J	CHIP R 15K J 1/16W			R653			RK73GB1J102J	CHIP R 1.0K J 1/16W		9
R303,304			RK73GB1J104J	CHIP R 100K J 1/16W			R654			RK73GB1J103J	CHIP R 10K J 1/16W		9
R307			RK73GB1J222J	CHIP R 2.2K J 1/16W			R655			RK73GB1J223J	CHIP R 22K J 1/16W		9
R308			RK73GB1J183J	CHIP R 18K J 1/16W			R656			RK73GB1J102J	CHIP R 1.0K J 1/16W		9
R309,310			RK73GB1J103J	CHIP R 10K J 1/16W			R657			RK73GB1J103J	CHIP R 10K J 1/16W		9
R311			RK73GB1J472J	CHIP R 4.7K J 1/16W			R658			RK73GB1J102J	CHIP R 1.0K J 1/16W		9
R312			RK73GB1J562J	CHIP R 5.6K J 1/16W			R660			RD14NB2E561J	RD 560 J 1/4W		9
R313			RK73GB1J102J	CHIP R 1.0K J 1/16W			R661			RK73GB1J102J	CHIP R 1.0K J 1/16W		9
R314			RK73GB1J221J	CHIP R 220 J 1/16W			R662,663	*		R92-4558-05	METAL GLAZE 47 J 1/4W		
R401-405			RK73GB1J471J	CHIP R 470 J 1/16W			R701,702			RK73GB1J473J	CHIP R 47K J 1/16W		
R407,408			RK73GB1J471J	CHIP R 470 J 1/16W			R703,704			RK73GB1J103J	CHIP R 10K J 1/16W		
R411			RK73GB1J471J	CHIP R 470 J 1/16W			R705,706			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R449			RS14KB3D180J	FL-PROOF RS 18 J 2W			R707,708			RK73GB1J474J	CHIP R 470K J 1/16W		
R451			R92-1945-05	METAL GLAZE 1 J 1/4W			R709,710			RK73GB1J473J	CHIP R 47K J 1/16W		

L: Scandinavia K: USA P: Canada R: Mexico C: China I: Malaysia
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KRF-V5050D/V5550D/V6050D/V7050D/X9050D PARTS LIST

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Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks	Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
R711,712			RK73GB1J221J	CHIP R 220 J 1/16W		9	IC12			NUJ7311AM	MOS-IC		
R713,714			RK73GB1J102J	CHIP R 1.0K J 1/16W		9	IC13			NJM4565M	ANALOGUE IC		
R715,716			RK73GB1J103J	CHIP R 10K J 1/16W			IC13			NJM4565MD	IC(OP AMP X2)		
R801,802			RK73GB1J473J	CHIP R 47K J 1/16W			IC14			NUJ7311AM	MOS-IC		
R803,804			RK73GB1J103J	CHIP R 10K J 1/16W			IC15			M62446FP	ANALOGUE IC		
R805,806			RK73GB1J472J	CHIP R 4.7K J 1/16W			IC21			NJM4565M	ANALOGUE IC		
R807,808			RK73GB1J474J	CHIP R 470K J 1/16W		9	IC21			NJM4565MD	IC(OP AMP X2)		
R809,810			RK73GB1J473J	CHIP R 47K J 1/16W			IC31			NJM4565M	ANALOGUE IC		
R811,812			RK73GB1J221J	CHIP R 220 J 1/16W		9	IC31			NJM4565MD	IC(OP AMP X2)		
R813,814			RK73GB1J102J	CHIP R 1.0K J 1/16W		9	IC41			TC74HC07AF	MOS-IC		
R815,816			RK73GB1J473J	CHIP R 47K J 1/16W			IC42			TC74HCT7007AF	MOS-IC		
R817,818			RK73GB1J103J	CHIP R 10K J 1/16W			IC45			BA05T	ANALOGUE IC		
R901,902			RK73GB1J473J	CHIP R 47K J 1/16W			IC46			BA033LBSG	ANALOGUE IC		
R903,904			RK73GB1J103J	CHIP R 10K J 1/16W			IC47			XC62EP2502MR	ANALOGUE IC		
R905			RK73GB1J472J	CHIP R 4.7K J 1/16W			IC48			XC62EP2502MR	ANALOGUE IC		
R906			RK73GB1J911J	CHIP R 910 J 1/16W			IC51		*	CS493263-CLR	MOS-IC		
R907			RK73GB1J474J	CHIP R 470K J 1/16W			IC61			CS493302-CLR	MOS-IC		
R908			RK73GB1J103J	CHIP R 10K J 1/16W			IC70			NJM4565M	ANALOGUE IC		
R909,910			RK73GB1J473J	CHIP R 47K J 1/16W			IC70			NJM4565MD	IC(OP AMP X2)		
R911,912			RK73GB1J221J	CHIP R 220 J 1/16W		9	IC80			NJM4565M	ANALOGUE IC		
R913,914			RK73GB1J102J	CHIP R 1.0K J 1/16W			IC90			NJM4565MD	IC(OP AMP X2)		
R915,916			RK73GB1J103J	CHIP R 10K J 1/16W		9	Q1			NJM4565M	ANALOGUE IC		
D1			DAN202U	DIODE			Q1			NJM4565MD	IC(OP AMP X2)		
D1			MA142WK	DIODE			Q1			NJM4565M	ANALOGUE IC		
D1			1SS301	DIODE			Q1			NJM4565MD	IC(OP AMP X2)		
D2			DAP202U	DIODE			Q1			DTC124EUA	DIGITAL TRANSISTOR		
D2			MA142WA	DIODE			Q1			UN5212	DIGITAL TRANSISTOR		
D2			1SS300	DIODE			Q15			2SD1664(Q,R)	TRANSISTOR		
D3			DAN202U	DIODE			Q16			2SB1132(Q,R)	TRANSISTOR		
D3			MA142WK	DIODE			Q41			2SC4081(R,S)	TRANSISTOR		
D3			1SS301	DIODE			Q41			2SD1819A(Q,R)	TRANSISTOR		
D6			MA111	DIODE			Q42			2SA1576A(R,S)	TRANSISTOR		
△ D41		*	D2SBA20F03	DIODE			Q42			2SB1218A(Q,R)	TRANSISTOR		
D42, 43		*	HZU5.6(B2)	ZENER DIODE			Q47			2SB1375	TRANSISTOR		
D42, 43		*	UDZ5.6B	ZENER DIODE			Q48			DTC124EUA	DIGITAL TRANSISTOR		
D44		*	HZU3.9(B2)	ZENER DIODE			Q49, 50			UN5212	DIGITAL TRANSISTOR		
D44		*	UDZ3.9B	ZENER DIODE			Q49, 50			DTA124EUA	DIGITAL TRANSISTOR		
D45		*	HZU3.9(B2)	ZENER DIODE			Q65			UN5112	DIGITAL TRANSISTOR		
D45		*	UDZ3.9B	ZENER DIODE			Q65			D1A124EUA	DIGITAL TRANSISTOR		
D46		*	HZU5.1(B2)	ZENER DIODE			Q66			UN5112	DIGITAL TRANSISTOR		
D46		*	UDZ5.1B	ZENER DIODE			Q66			2SC4213(B)	DIGITAL TRANSISTOR		
D47		*	MA111	DIODE			Q71, 72			2SC4213(B)	TRANSISTOR		
D67		*	HZU5.1(B2)	ZENER DIODE			Q73, 74			2SC4213(B)	TRANSISTOR		
D67		*	UDZ5.1B	ZENER DIODE			Q81, 82			2SC4213(B)	TRANSISTOR		
D151,152		*	HZU7.5(B2)	ZENER DIODE			Q83, 84			2SC4213(B)	TRANSISTOR		
D151,152		*	UDZ7.5B	ZENER DIODE			Q91, 92			2SC4213(B)	TRANSISTOR		
IC1		*	NJM4565M	ANALOGUE IC			Q93, 94			2SC4213(B)	TRANSISTOR		
IC1		*	NJM4565MD	IC(OP AMP X2)			A1	*	*	W02-2802-05	OPTIC RECEIVING MODULE		
IC2		*	AK4527B-VQ	MOS-IC			A2	*	*	W02-2802-05	OPTIC RECEIVING MODULE		
IC4		*	TC7WU04FU	MOS-IC			A3	*	*	W02-2803-05	OSCILLATING MODULE		
IC5		*	AK4112AVF	MOS-IC								79	9
IC6		*	TC7WH123FU	MOS-IC									
IC11			NJM4565M	ANALOGUE IC									
IC11			NJM4565MD	IC(OP AMP X2)									

DISPLAY UNIT (X14-725X/726X-XX)

D1 - 4		B30-2545-05	LED(RED3(160))			
D5, 6		B30-2545-05	LED(RED3(160))			
C1		CE04RW0J470M	ELECTRO	47UF		
C10 -12		CK45FF1H103Z	CERAMIC	0.010UF	6.3WV	
C13, 14		CK73GB1H103K	CHIP C	0.010UF	Z	
					K	

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PARTS LIST

22

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21

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Ref. No	Add- ress	New Parts	Parts No.	Description			Desti- nation	Re- marks
C15,16			CK45FF1H103Z	CERAMIC	0.010UF	Z	79	
C17,21			CC45FSL1H101J	CERAMIC	100PF	J	679	
C22,23			CC93FMG1H471J	MYLAR	470PF	J		
C24			CE04HW1H100M	NP-ELEC	10UF	50WV		
C26			CC45FSL1H101J	CERAMIC	100PF	J		
C27			CE04RW1A101M	ELECTRO	100UF	10WV		
C28			CE04KW1V470M	ELECTRO	47UF	35WV		
C29			CE04RW1H330M	ELECTRO	33UF	50WV		
C30			CC93FMG1H471J	MYLAR	470PF	J	679	
C31,32			CE04RW1H010M	ELECTRO	1.0UF	50WV		
C100-105			CC45FSL1H221J	CERAMIC	220PF	J	9	
C106			CE04RW1V2R2M	ELECTRO	2.2UF	35WV	ET	5679
C106			CE04RW1V2R2M	ELECTRO	2.2UF	35WV	E2E3T2	5
C107			CC73GCH1H271J	CHIP C	270PF	J	ET	5679
C107			CC73GCH1H271J	CHIP C	270PF	J	E2E3T2	5
C108			CK73GB1H103K	CHIP C	0.010UF	K	ET	679
C110			CE04KW1A470M	ELECTRO	47UF	10WV	ET	679
C111			CK73GB1H103K	CHIP C	0.010UF	K	ET	679
C112,113			CC45FC1H270J	CERAMIC	27PF	J	ET	679
C114			CC45FSL1H101J	CERAMIC	100PF	J	ET	679
C115			CK73GB1H103K	CHIP C	0.010UF	K	ET	5679
C125			CK45FB1H561K	CERAMIC	560PF	K	E2E3T2	5
C125			CK45FB1H561K	CERAMIC	560PF	K		
C201			CC45FSL1H221J	CERAMIC	220PF	J		
C202			CC93FMG1H103J	MYLAR	0.010UF	J		
C203			CE04PW1E470M	ELECTRO	47UF	25WV	YMI	9
C204			CC45FSL1H101J	CERAMIC	100PF	J	679	
C205,206			CC93FMG1H102J	MYLAR	1000PF	J		
C207,208			CK73GB1H102K	CHIP C	1000PF	K		
C209,210			CC45FSL1H470J	CERAMIC	47PF	J		
C211			CE04PW1E470M	ELECTRO	47UF	25WV		
C212			CC45FSL1H470J	CERAMIC	47PF	J		
C213			CE04PW1E470M	ELECTRO	47UF	25WV		
C214			CC45FSL1H470J	CERAMIC	47PF	J		
C215			CE04PW1E470M	ELECTRO	47UF	25WV		79
C216			CC45FSL1H470J	CERAMIC	47PF	J		
C217			CE04PW1E470M	ELECTRO	47UF	25WV		79
C218			CC45FSL1H470J	CERAMIC	47PF	J		9
C219			CC45FSL1H470J	CERAMIC	47PF	J		6
C229,230			CE04PW1H100M	ELECTRO	10UF	50WV		568
C243,244			CC73GCH1H101J	CHIP C	100PF	J		
C245			CK73GB1H103K	CHIP C	0.010UF	K		
C246			CC45FSL1H221J	CERAMIC	220PF	J		
C247,248			CC93FMG1H103J	MYLAR	0.010UF	J		
C249,250			CK73GB1H103K	CHIP C	0.010UF	K		
C254			CE04RW1H2R2M	ELECTRO	2.2UF	50WV	YMI	
C255			CK73GB1H103K	CHIP C	0.010UF	K	YMI	
C256			CC93FMG1H103J	MYLAR	0.010UF	J	YMI	
C257			CK73GCH1H101J	CHIP C	100PF	J	YMI	
C258			CK73GB1H103K	CHIP C	0.010UF	K		
C259			CE04PW1A101M	ELECTRO	100UF	10WV		
C261			C90-1826-05	BACKUP-C	0.047F	5.5WV		
C262			CE04PW1H010M	ELECTRO	1UF	50WV		
C263-265			CK73GB1H103K	CHIP C	0.010UF	K		
C284			CC93FMG1H103J	MYLAR	0.010UF	J		

Ref. No	Add- ress	New Parts	Parts No.	Description			Desti- nation	Re- marks
C401-408			CC73GCH1H470J	CHIP C	47PF	J	67	
C409-412			CC73GCH1H470J	CHIP C	47PF	J	7	
C413,414			CK73GB1H103K	CHIP C	0.010UF	K	67	
C415			CK73GB1H103K	CHIP C	0.010UF	K	7	
C416			CK45FF1H103Z	CERAMIC	0.010UF	Z	7	
C417			CK73GB1H103K	CHIP C	0.010UF	K	67	
C418,419			CE04KW1E470M	ELECTRO	47UF	25WV	67	
C420,421			CE04KW1E470M	ELECTRO	47UF	25WV	7	
C422			CE04KW1E470M	ELECTRO	47UF	25WV	67	
C424,425			CE04KW1V100M	ELECTRO	10UF	35WV	67	
C501			CC45FSL1H101J	CERAMIC	100PF	J		
C503-505			CC45FSL1H101J	CERAMIC	100PF	J	679	
C510-515			CC45FSL1H101J	CERAMIC	100PF	J		
C518			CC73GCH1H101J	CHIP C	100PF	J		
C539-542			CE04PW1H100M	ELECTRO	10UF	50WV		
CN1			E40-8504-05	FLAT CABLE CONNECTOR				
CN2			E40-3247-05	PIN ASSY				
CN3			E40-8477-05	FLAT CABLE CONNECTOR				
CN100			E40-9825-05	SOCKET FOR PIN ASSY				
CN101			E40-8429-05	SOCKET FOR PIN ASSY				
CN201			E40-8483-05	FLAT CABLE CONNECTOR				
CN202			E40-8488-05	FLAT CABLE CONNECTOR				
CN203			E40-8483-05	FLAT CABLE CONNECTOR				
CN204			E40-8504-05	FLAT CABLE CONNECTOR				
CN205			E40-9833-05	SOCKET FOR PIN ASSY				
CN206			E40-4721-05	FLAT CABLE CONNECTOR				
CN401			E40-8483-05	FLAT CABLE CONNECTOR				
J1			E11-0272-05	PHONE JACK				
J2			E63-1172-05	PIN JACK				
J3			E56-0033-05	CYLINDRICAL RECEPTACLE				
J100			E63-1139-05	PIN JACK				
J200			E11-0293-05	MINIATURE PHONE JACK(2P)				
J201			E63-0127-05	PIN JACK				
J202			E63-0130-05	PIN JACK				
J203			E63-0069-05	PIN JACK				
J204			E63-0130-05	PIN JACK				
J401,402			E56-0011-05	CYLINDRICAL RECEPTALE				
J403,404			E56-0023-05	CYLINDRICAL RECEPTALE				
J19-5928-13			J11-0808-05	HOLDER				
E1			J11-0808-05	WIRE CLAMPER				
E4			J11-0808-05	WIRE CLAMPER				
L1			L92-0017-05	FERRITE CORE				
X100			L77-2002-05	CRYSTAL RESONATOR(4.332MHZ)				
X100			L77-2002-05	CRYSTAL RESONATOR(4.332MHZ)				
X200			L78-0725-05	CRYSTAL RESONATOR(8.38MHZ)				
CP200			R90-0802-05	MULTI-COMP	100KX10	J	1/4W	
CP201,202			R90-0500-05	MULTI-COMP	100KX6	J	1/4W	
CP203			R90-0855-05	MULTI-COMP	100KX5	J		
CP205			R90-0802-05	MULTI-COMP	100KX10	J	1/4W	
CP206			R90-0482-05	MULTI-COMP	100KX4	J	1/6W	
R2			RK73GB1J563J	CHIP R	56K	J	1/16W	
R6,7			RD14BB2C471J	RD	470	J	1/6W	
R28			RD14BB2C103J	RD	10K	J	1/6W	
R30			RD14BB2C103J	RD	10K	J	1/6W	

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KRF-V5050D/V5550D/V6050D/V7050D/X9050D PARTS LIST

* New Parts
 Parts without **Parts No.** are not supplied.
 Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
 Teile ohne **Parts No.** werden nicht geliefert.

Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks	Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
R32,33			RD14BB2C101J	RD 100 J 1/6W		568	R407,408			RK73GB1J820J	CHIP R 82 J 1/16W		67
R40			RD14BB2C750J	RD 75 J 1/6W		679	R409-412			RK73GB1J820J	CHIP R 82 J 1/16W		7
R50,51			RD14BB2C101J	RD 100 J 1/6W		679	R413			RK73GB1J680J	CHIP R 68 J 1/16W		7
R52,53			RD14BB2C104J	RD 100K J 1/6W		679	R414			RD14BB2C680J	RD 68 J 1/6W		7
R54			RD14BB2C101J	RD 100 J 1/6W		679	R415,416			RK73GB1J680J	CHIP R 68 J 1/16W		7
R55			RD14BB2C820J	RD 82 J 1/6W		679	R417			RD14BB2C472J	RD 4.7K J 1/6W		7
R56			RD14BB2C750J	RD 75 J 1/6W		679	R419,420			RD14BB2C4R7J	RD 4.7 J 1/6W		7
R65	▲		RD14BB2C1R0J	RD 1 J 1/6W			R421,422			RK73GB1J1R0J	CHIP R 1 J 1/16W		6
R66	▲		RD14NB2E2R2J	RD 2.2 J 1/4W			R423			RK73GB1J1R0J	CHIP R 1 J 1/16W		7
R67,68	▲		RD14BB2C101J	RD 100 J 1/6W		679	R424,425			RK73GB1J1R0J	CHIP R 1 J 1/16W		6
R100-105			RD14BB2C470J	RD 47 J 1/6W		9	S1-13			S70-0031-05	TACT SWITCH		
R106-111			RD14BB2C104J	RD 100K J 1/6W		9	S1-13			S70-0086-05	TACT SWITCH		
R112-117			RD14BB2C221J	RD 220 J 1/6W		9	S17,18			S70-0031-05	TACT SWITCH		568
R118-123			RD14BB2C102J	RD 1.0K J 1/6W		9	S17,18			S70-0086-05	TACT SWITCH		568
R124			RD14BB2C473J	RD 47K J 1/6W	ET	5679	S100			S68-0107-05	PUSH SWITCH		
R124			RD14BB2C473J	RD 47K J 1/6W	E2E3T2	5	S200			S62-0034-05	SLIDE SWITCH		YMI
R125			RD14BB2C1R0J	RD 1 J 1/6W	ET	5679	S14			T99-0630-05	ROTARY ENCODER		
R125			RD14BB2C1R0J	RD 1 J 1/6W	E2E3T2	5	S15			T99-0602-05	ROTARY ENCODER		
R209			RD14BB2C101J	RD 100 J 1/6W		9	S16			T99-0630-05	ROTARY ENCODER		79
R210			RD14BB2C512J	RD 5.1K J 1/6W		9	D7			HZS6.2N(B2)	ZENER DIODE		
R217			RD14BB2C820J	RD 82 J 1/6W		79	D7			MTZJ6.2(B)	ZENER DIODE		
R220			RD14BB2C680J	RD 68 J 1/6W		9	D7			RD6.2ES(B)	ZENER DIODE		
R221			RD14BB2C104J	RD 100K J 1/6W		9	D7			HSS104A	ZENER DIODE		
R223,224	▲		RD14BB2C221J	RD 220 J 1/6W		679	D9-11			1SS133	ZENER DIODE		
R229,230	▲		RD14BB2C1R0J	RD 1 J 1/6W			D9-11			D12-15	HSS104A		679
R231			RK73GB1J101J	CHIP R 100 J 1/16W			D12-15			1SS133	ZENER DIODE		679
R232			RK73GB1J103J	CHIP R 10K J 1/16W			D12-15			D200-207	HSS104A		
R233			RK73GB1J101J	CHIP R 100 J 1/16W			D12-15			1SS133	ZENER DIODE		
R239			RK73GB1J221J	CHIP R 220 J 1/16W			D200-207			D200-207	HSS104A		
R240-242			RK73GB1J101J	CHIP R 100 J 1/16W			D209,210			D209,210	HSS104A		
R243-247			RK73GB1J221J	CHIP R 220 J 1/16W			D209,210			D209,210	MTZJ5.6(B)		
R251-255			RK73GB1J101J	CHIP R 100 J 1/16W			D209,210			D209,210	RD5.6ES(B)		
R256			RK73GB1J104J	CHIP R 100K J 1/16W			D211			D211	HSS104A		YMI
R260			RD14NB2E222J	RD 2.2K J 1/4W			D211			D211	1SS133		YMI
R262,263			RK73GB1J102J	CHIP R 1.0K J 1/16W			D212,213			D212,213	RB721Q		
R264			RK73GB1J103J	CHIP R 10K J 1/16W			D214-216			D214-216	HSS104A		
R265			RK73GB1J102J	CHIP R 1.0K J 1/16W			D214-216			D214-216	1SS133		9
R266			RK73GB1J104J	CHIP R 100K J 1/16W			D220,221			D220,221	HSS104A		9
R267,268			RK73GB1J103J	CHIP R 10K J 1/16W			D220,221			D220,221	1SS133		67
R269			RK73GB1J102J	CHIP R 1.0K J 1/16W			D401			D401	HSS104A		
R288			RK73GB1J101J	CHIP R 100 J 1/16W			D401			1SS133	DIODE		67
R295			RD14BB2C103J	RD 10K J 1/6W			ED2			ED2	HNA-11MS24		
R296			RD14BB2C2R2J	RD 2.2 J 1/6W			ED2			ED2	11-MT-125GK		
R297-299			RK73GB1J221J	CHIP R 220 J 1/16W			IC1			IC1	UPD16311		
R301			RD14BB2C432J	RD 4.3K J 1/6W			IC100			IC100	BU1923		
R302			RD14BB2C822J	RD 8.2K J 1/6W			IC100			IC100	ANALOGUE IC		
R303			RD14BB2C122J	RD 1.2K J 1/6W			IC200			IC200	MI101C49GLE		5
R304,305			RK73GB1J101J	CHIP R 100 J 1/16W			IC200			IC200	MI101C49HLD		568
R310			RK73GB1J104J	CHIP R 100K J 1/16W	XTE	9	IC201			IC201	MI101C49HLF		9
R310			RK73GB1J104J	CHIP R 100K J 1/16W	Y	9	IC201			IC201	NJM2279D		7
R311,312			RK73GB1J104J	CHIP R 100K J 1/16W			IC202			IC202	ANALOGUE IC		
R315,316			RK73GB1J104J	CHIP R 100K J 1/16W			IC202			IC202	IC(4CH MPX/DE-MPX)		
R401,402			RK73GB1J104J	CHIP R 100K J 1/16W			IC204			IC204	IC(ANALOG MULTIPLEXER)		
R403,404			RK73GB1J820J	CHIP R 82 J 1/16W			IC205			IC205	S-80840ANY		
R405,406			RK73GB1J104J	CHIP R 100K J 1/16W			IC207			IC207	XC62FP5102P		
													YMI

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KRF-V5050D/V5550D/V6050D/V7050D/X9050D

SPECIFICATIONS

For Europe

AUDIO section (KRF-V6050D)

Rated power output during STEREO operation	
DIN/IEC (DIN 1kHz, 0.7% T.H.D., at 6 Ω)	110 W + 110 W
Effective power output during SURROUND operation	
FRONT (1kHz, 0.7% T.H.D. at 6 Ω, one channel driven)	100 W + 100 W
CENTER (1kHz, 0.7% T.H.D. at 6 Ω, one channel driven)	100 W
SURROUND (1kHz, 0.7% T.H.D. at 6 Ω, one channel driven)	100 W + 100 W
Total harmonic distortion	0.050% (1 kHz, 50W, 6 Ω)
Frequency response (IHF '66)	
CD	10 Hz ~ 60 kHz, +0 dB, -3.0 dB
Signal to noise ratio (IHF '66)	
PHONO (MM)	74 dB
CD	90 dB
Input sensitivity / impedance	
PHONO (MM)	2.5 mV / 27 kΩ
CD	200 mV / 47 kΩ
VIDEO2/MONITOR	200 mV / 47 kΩ
DVD/6ch INPUT	200 mV / 10 kΩ
Output level / impedance	
TAPE REC	200 mV / 1 kΩ
VIDEO2/MONITOR	200 mV / 1 kΩ
PRE OUT (SUBWOOFER)	1.5 V / 2.2 kΩ
Tone control	
BASS	±10 dB (at 70 Hz)
TREBLE	±10 dB (at 10 kHz)

AUDIO section (KRF-V5050D)

Rated power output during STEREO operation	
DIN/IEC (DIN 1kHz, 0.7% T.H.D., 6 Ω)	110 W + 110 W
Effective power output during SURROUND operation	
FRONT (1kHz, 0.7% T.H.D. at 6 Ω, one channel driven)	100 W + 100 W
CENTER (1kHz, 0.7% T.H.D. at 6 Ω, one channel driven)	100 W
SURROUND (1kHz, 0.7% T.H.D. at 6 Ω, one channel driven)	100 W + 100 W
Total harmonic distortion	0.050% (1 kHz, 50W, 6 Ω)
Frequency response (IHF '66)	
CD	40 Hz ~ 60 kHz, +0 dB, -3.0 dB
Signal to noise ratio (IHF '66)	
PHONO (MM)	74 dB
CD	90 dB
Input sensitivity / impedance	
PHONO (MM)	2.5 mV / 27 kΩ
CD	200 mV / 47 kΩ
MONITOR IN (VIDEO2/MONITOR)	200 mV / 47 kΩ
DVD/6ch INPUT	200 mV / 47 kΩ
Output level / impedance	
TAPE REC	200 mV / 1 kΩ
MONITOR OUT (VIDEO2/MONITOR)	200 mV / 1 kΩ
PRE OUT (SUBWOOFER)	1.5 V / 2.2 kΩ
Tone control	
BASS	±10 dB (at 70 Hz)
TREBLE	±10 dB (at 10 kHz)

Notes

1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. The full performance may not be exhibited in an extremely cold location (under a water-freezing temperature).

DIGITAL AUDIO section

Sampling frequency	32 kHz, 44.1 kHz, 48 kHz, 96kHz
Input level / impedance / wave length	
Optical	(-15 dBm ~ -21 dBm), 660 nm ±30nm
Coaxial	0.5 Vp-p / 75 Ω

VIDEO section

VIDEO inputs / outputs	
VIDEO (composite)	1 Vp-p / 75 Ω
S-VIDEO inputs / outputs (KRF-V6050D)	
S-VIDEO (luminance signal)	1 Vp-p / 75 Ω
(chrominance signal)	0.286 Vp-p / 75 Ω

FM tuner section

Tuning frequency range	87.5 MHz ~ 108 MHz
Usable sensitivity (DIN at 75 Ω)	
MONO	1.3 μV/13.2 dBf (40 kHz dev. S/N 26 dB)
STEREO	45 μV/42.1 dBf (46 kHz dev. S/N 46 dB)
Total harmonic distortion (1 kHz)	
MONO	0.2% (71.2 dBf input)
STEREO	0.8% (71.2 dBf input)
Signal to noise ratio (DIN weighted)	
MONO	65 dB (40 kHz dev. 71.2 dBf input)
STEREO	60 dB (46 kHz dev. 71.2 dBf input)
Stereo separation (DIN 1 kHz)	36 dB
Selectivity (DIN ± 300 kHz)	64 dB
Frequency response	(30 Hz ~ 15kHz), +0.5 dB, -3.0 dB

AM tuner section

Tuning frequency range	531 kHz ~ 1,602 kHz
Usable sensitivity	16 μV / (600 μV/m)
Signal to noise ratio (30% mod. 1 mV input)	50 dB

GENERAL

Power consumption	250 W
AC outlet	
SWITCHED	(total 90 W max.)
Dimensions	W : 440 mm H : 143 mm D : 400 mm
Weight	
KRF-V6050D	8.6 kg
KRF-V5050D	8.5 kg

KRF-V5050D/V5550D/V6050D/V7050D/X9050D

SPECIFICATIONS

For other countries

AUDIO section (KRF-V6050D)

Effective power output during STEREO operation 1kHz,10% T.H.D.,at 8 Ω	140 W + 140 W
Rated power output during STEREO operation	
100 watts per channel minimum RMS, both channels driven, at 8 Ω from 40 Hz to 20 kHz with no more than 0.7% total harmonic distortion.(FTC)	
Effective power output during SURROUND operation	
FRONT (1kHz, 10% T.H.D. at 8 Ω one channel driven)	140 W + 140 W
CENTER (1kHz, 10% T.H.D. at 8 Ω one channel driven)	140 W
SURROUND (1kHz, 10% T.H.D. at 8 Ω one channel driven)	140 W + 140 W
Total harmonic distortion	0.050% (1 kHz, 50W, 8 Ω)
Frequency response	
CD	10 Hz ~ 60 kHz, +0 dB, -3.0 dB
Signal to noise ratio (IHF'66)	
PHONO (MM)	74 dB
CD	90 dB
Input sensitivity / impedance	
PHONO (MM)	2.5 mV / 27 kΩ
CD	200 mV / 47 kΩ
VIDEO2/MONITOR	200 mV / 47 kΩ
DVD/6ch INPUT	200 mV / 47 kΩ
Output level / impedance	
TAPE REC	200 mV / 1 kΩ
VIDEO2/MONITOR	200 mV / 1 kΩ
PRE OUT (SUBWOOFER)	1.5 V / 2.2 kΩ
Tone control	
BASS	±10 dB (at 70 Hz)
TREBLE	±10 dB (at 10 kHz)

AUDIO section (KRF-V5050D)

Effective power output during STEREO operation (1 kHz, 10%, 8Ω)	140 W + 140 W
Rated power output during STEREO operation	
100 watts per channel minimum RMS, both channels driven, at 8 Ω from 40 Hz to 20 kHz with no more than 0.7% total harmonic distortion. (FTC)	
Effective power output during SURROUND operation	
FRONT (1kHz, 10% T.H.D. at 8 Ω one channel driven)	140 W + 140 W
CENTER (1kHz, 10% T.H.D. at 8 Ω one channel driven)	140 W
SURROUND (1kHz, 10% T.H.D. at 8 Ω one channel driven)	140 W + 140 W
Total harmonic distortion	0.050% (1 kHz, 50W, 8 Ω)
Frequency response	
CD	10 Hz ~ 60 kHz, +0 dB, -3.0 dB
Signal to noise ratio (IHF'66)	
PHONO (MM)	74 dB
CD, TUNER, AUX, TAPE	90 dB
Input sensitivity / impedance	
PHONO (MM)	2.5 mV / 27 kΩ
CD	200 mV / 47 kΩ
MONITOR IN (VIDEO2/MONITOR)	200 mV / 47 kΩ
DVD/6ch INPUT	200 mV / 10 kΩ
Output level / impedance	
TAPE REC	200 mV / 1 kΩ
MONITOR OUT (VIDEO2/MONITOR)	200 mV / 1 kΩ
PRE OUT (SUBWOOFER)	1.5 V / 2.2 kΩ
Tone control	
BASS	±10 dB (at 70 Hz)
TREBLE	±10 dB (at 10 kHz)

AUDIO section (KRF-V5550D)

Effective power output during SURROUND operation (1kHz, 10%, 8Ω)	110 W + 110 W
Rated power output during STEREO operation	
80 watts per channel minimum RMS, both channels driven, at 8 Ω from 40 Hz to 20 kHz with no more than 0.7% total harmonic distortion. (FTC)	

Effective power output during SURROUND operation	
FRONT (1kHz, 10% T.H.D. at 8 Ω one channel driven)	130 W + 130 W
CENTER (1kHz, 10% T.H.D. at 8 Ω one channel driven)	130 W
SURROUND (1kHz, 10% T.H.D. at 8 Ω one channel driven)	130 W + 130 W
SUBWOOFER (80Hz, 10% T.H.D. at 8 Ω one channel driven)	130 W
Total harmonic distortion	0.050% (1 kHz, 40W, 8Ω)
Frequency response	
CD	10 Hz ~ 60 kHz, +0 dB, -3.0 dB
Signal to noise ratio (IHF'66)	
CD, TUNER, AUX, TAPE	90 dB
Input sensitivity / impedance	
CD	200 mV / 47 kΩ
MONITOR IN (VIDEO2/MONITOR)	200 mV / 47 kΩ
Output level / impedance	
TAPE REC	200 mV / 1 kΩ
MONITOR OUT (VIDEO2/MONITOR)	200 mV / 1 kΩ
Tone control	
BASS	±10 dB (at 70 Hz)
TREBLE	±10 dB (at 10 kHz)

DIGITAL AUDIO section

Sampling frequency	32 kHz, 44.1 kHz, 48 kHz, 96kHz
Input level / impedance / wave length	
Optical	(-15 dBm ~ -21 dBm), 660 nm ±30nm
Coaxial	0.5 Vp-p / 75 Ω

VIDEO section

VIDEO inputs / outputs	
VIDEO (composite)	1 Vp-p / 75 Ω
S VIDEO inputs / outputs (KRF-V6050D)	
S VIDEO (luminance signal)	1 Vp-p / 75 Ω
S VIDEO (chrominance signal)	0.286 Vp-p / 75 Ω

FM tuner section

Tuning frequency range	87.5 MHz ~ 108 MHz
Usable sensitivity (MONO)	
..... 1.6 μV (75 Ω)/ 15.2 dBf (75 kHz DEV., SINAD 30 dB)	
50dB quieting sensitivity	
STEREO	28 μV (75 W)/ 40.2 dBf
Total harmonic distortion (1 kHz)	
MONO	0.5% (71.2 dBf input)
STEREO	0.7% (71.2 dBf input)
Signal to noise ratio (1 kHz, 75 kHz DEV.)	
MONO	75 dB (71.2 dBf input)
STEREO	68 dB (71.2 dBf input)
Stereo separation (1 kHz)	40 dB
Selectivity (±400 kHz)	50 dB
Frequency response	(30 Hz ~ 15kHz), +0.5 dB, -3.0 dB

AM tuner section

Tuning frequency range	
9 kHz step	531 kHz ~ 1,602 kHz
10 kHz step	530 kHz ~ 1,610 kHz
Usable sensitivity	16 μV / (600 μV/m)
Signal to noise ratio (30% mod. 1 mV input)	50 dB

GENERAL

Power consumption	
KRF-V6050D/V5050D	270 W
KRF-V5550D	200 W
AC outlet	
SWITCHED	(total 90 W max.)
Dimensions	W : 440 mm H : 143 mm D : 400 mm
Weight (Net)	
(KRF-V6050D/V5050D)	9.3 kg
(KRF-V5550D)	8.4 kg

Notes

1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. The full performance may not be exhibited in an extremely cold location (under a water-freezing temperature).

KRF-V5050D/V5550D/V6050D/V7050D/X9050D

SPECIFICATIONS

For Europe

AUDIO section (KRF-V7050D)

Rated power output during STEREO operation	
DIN/IEC (DIN 1kHz, 0.7% T.H.D., at 6 Ω)	110 W + 110 W
Effective power output during SURROUND operation	
FRONT (63 Hz ~ 12.5kHz, 0.7% T.H.D. at 6 Ω, one channel driven)	100 W + 100 W
CENTER (63 Hz ~ 12.5kHz, 0.7% T.H.D. at 6 Ω, one channel driven)	100 W
SURROUND (63 Hz ~ 12.5kHz, 0.7% T.H.D. at 6 Ω, one channel driven)	100 W + 100 W
Total harmonic distortion	0.050% (1 kHz, 50W, 6 Ω)
Frequency response (IHF '66)	
CD	10 Hz ~ 60 kHz, +0 dB, -3.0 dB
Signal to noise ratio (IHF '66)	
PHONO (MM)	75 dB
CD	91 dB
Input sensitivity / impedance	
PHONO (MM)	2.5 mV / 27 kΩ
CD	200 mV / 47 kΩ
MONITOR IN	200 mV / 47 kΩ
DVD/6ch INPUT	200 mV / 47 kΩ
Output level / impedance	
TAPE REC	200 mV / 1 kΩ
MONITOR OUT	200 mV / 1 kΩ
PRE OUT (SUBWOOFER)	1.5 V / 2.2 kΩ
Tone control	
BASS	±10 dB (at 70 Hz)
TREBLE	±10 dB (at 10 kHz)

DIGITAL AUDIO section

Sampling frequency	32 kHz, 44.1 kHz, 48 kHz, 96kHz
Input level / impedance / wave length	
Optical	(-15 dBm ~ -21 dBm), 660 nm ±30nm
Coaxial	0.5 Vp-p / 75 Ω

For other countries

AUDIO section (KRF-V7050D)

Effective power output during STEREO operation	
1kHz, 10% T.H.D., at 8 Ω	140 W + 140 W
Rated power output during STEREO operation	
Effective power output during SURROUND operation	
FRONT (1kHz, 10% T.H.D. at 8 Ω one channel driven)	140 W + 140 W
CENTER (1kHz, 10% T.H.D. at 8 Ω one channel driven)	140 W
SURROUND (1kHz, 10% T.H.D. at 8 Ω one channel driven)	140 W + 140 W
Total harmonic distortion	0.05 % (1 kHz, 50W, 8 Ω)
Frequency response	
CD	10 Hz ~ 60 kHz, +0 dB, -3.0 dB
Signal to noise ratio (IHF '66)	
PHONO (MM)	73 dB
CD	91 dB
Input sensitivity / impedance	
PHONO (MM)	2.5 mV / 27 kΩ
CD	200 mV / 47 kΩ
VIDEO2/MONITOR	200 mV / 47 kΩ
DVD/6CH INPUT	200 mV / 10 kΩ
Output level / impedance	
TAPE REC	200 mV / 1 kΩ
VIDEO2/MONITOR	200 mV / 1 kΩ
PRE OUT (SUBWOOFER)	1.5 V / 2.2 kΩ
Tone control	
BASS	±10 dB (at 70 Hz)
TREBLE	±10 dB (at 10 kHz)

DIGITAL AUDIO section

Sampling frequency	32 kHz, 44.1 kHz, 48 kHz, 96kHz
Input level / impedance / wave length	
Optical	(-15 dBm ~ -21 dBm), 660 nm ±30nm

Notes

1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. The full performance may not be exhibited in an extremely cold location (under a water-freezing temperature).

Note:

Component and circuit are subject to modification to insure best operation under differing local conditions. This manual is based on Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

VIDEO section

VIDEO inputs / outputs	
VIDEO (composite)	1 Vp-p / 75 Ω
S-VIDEO inputs / outputs	
S-VIDEO (luminance signal)	1 Vp-p / 75 Ω

 (chrominance signal)

0.286 Vp-p / 75 Ω

FM tuner section

Tuning frequency range

87.5 MHz ~ 108.0 MHz

Usable sensitivity (DIN at 75 Ω)

 MONO

1.3 μV/13.2 dBf (40 kHz dev. S/N 26 dB)

 STEREO

45 μV/42.1 dBf (45 kHz dev. S/N 46 dB)

Total harmonic distortion (1 kHz)

 MONO

0.2% (65.2 dBf input)

 STEREO

0.8% (65.2 dBf input)

Signal to noise ratio (DIN weighted)

 MONO

65 dB (40 kHz dev. 65.2 dBf input)

 STEREO

60 dB (40 kHz dev. 65.2 dBf input)

Stereo separation (DIN 1 kHz)

36 dB

Selectivity (DIN ± 300 kHz)

64 dB

Frequency response

(30 Hz ~ 15kHz), +0.5 dB, -3.0 dB

Tone control

 BASS

±10 dB (at 70 Hz)

 TREBLE

±10 dB (at 10 kHz)

Tone control

 BASS

±10 dB (at 70 Hz)

 TREBLE

±10 dB (at 10 kHz)

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